

*California Department of Transportation  
Division of Maintenance*

***Structure Maintenance and Investigations***

---

**B**<sub>RIDGE</sub>

**I**<sub>NSPECTION</sub>

**R**<sub>ECORDS</sub>

**I**<sub>NFORMATION</sub>

**S**<sub>YSTEM</sub>

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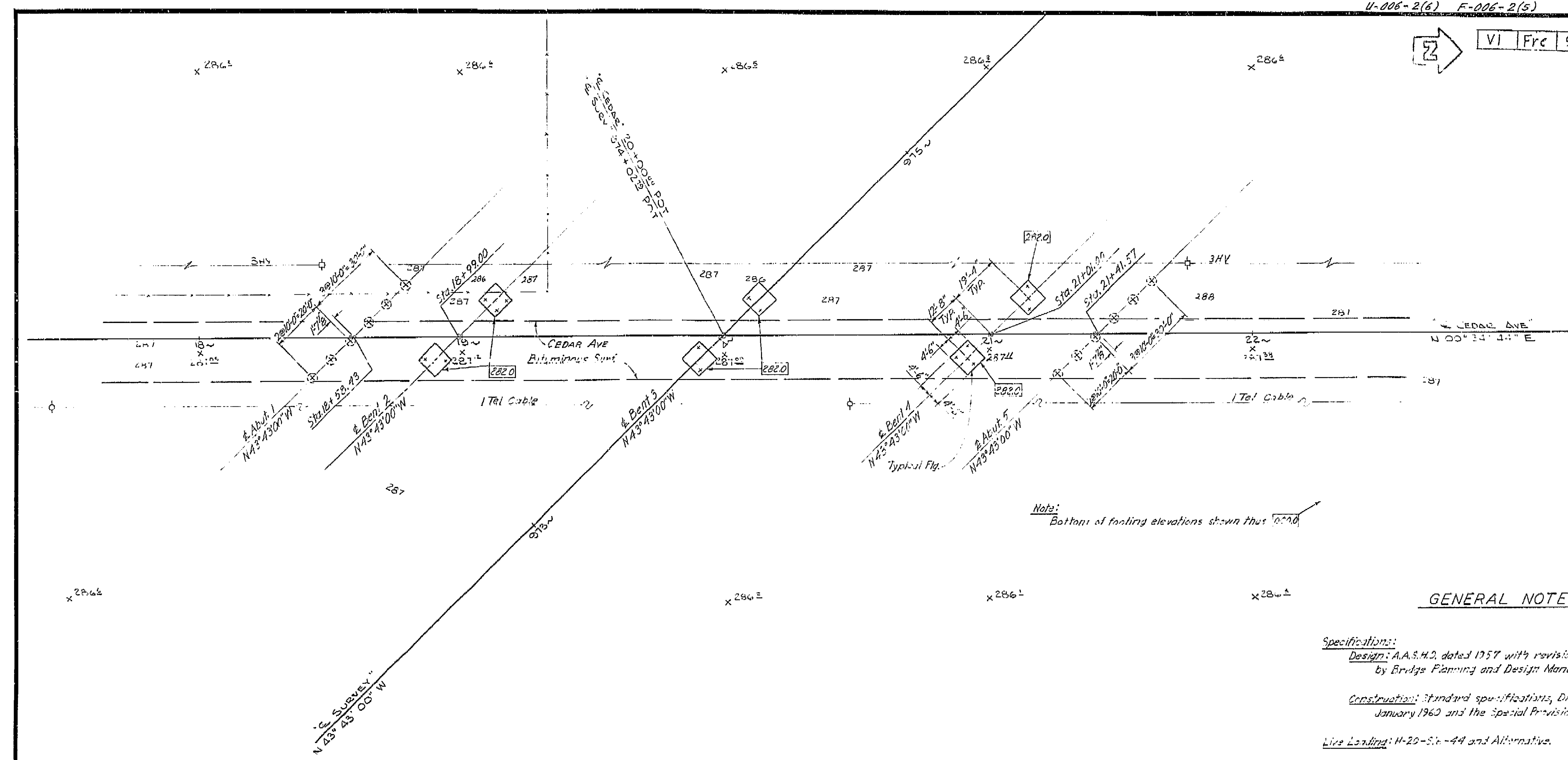
U-006-2(6) F-006-2(5)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CALIF.			197	424

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	Frc	99			

DATE APPROVED: August 28, 1961



Note:  
Bottom of footing elevations shown thus 10'00"

### GENERAL NOTES

- Specifications:**
  - Design: A.A.S.H.O. dated 1957 with revisions and as supplemented by Bridge Planning and Design Manual.
  - Construction: Standard specifications, Division of Highways, dated January 1960 and the Special Provisions.
- Live Loading:** H-20-S16-44 and Alternatives.
- Unit Stresses:**
  - Reinforced concrete:
    - $f_s = 20,000$  psi
    - $f_c = 1200$  psi
  - Pile loadings: 45 Tons
  - Types: Concrete - Class III

197  
LEVEL DATUM: U.S.C.G.S.  
FOR ALIGNMENT TIES SEE 62-67136-3  
CONTOURS AS OF 10'-00"  
SITE PLAN TO SUPPLEMENT DISTRICT DATA  
SURVEY BY J.S.G. DATE 10-60  
DRAWN BY J.S.G. DATE 10-60  
TRACED BY J.S.G. DATE 10-60

**AS BUILT PLANS**  
Contract No. 62-67136-3  
Date Completed \_\_\_\_\_  
Document No. 60001062

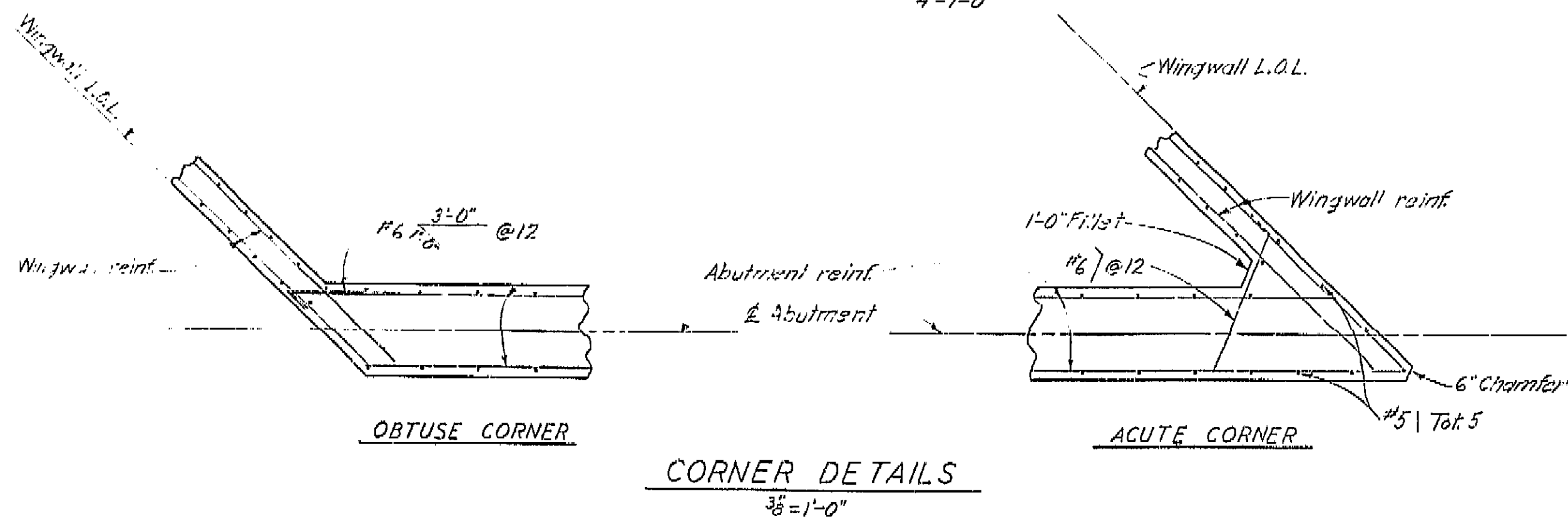
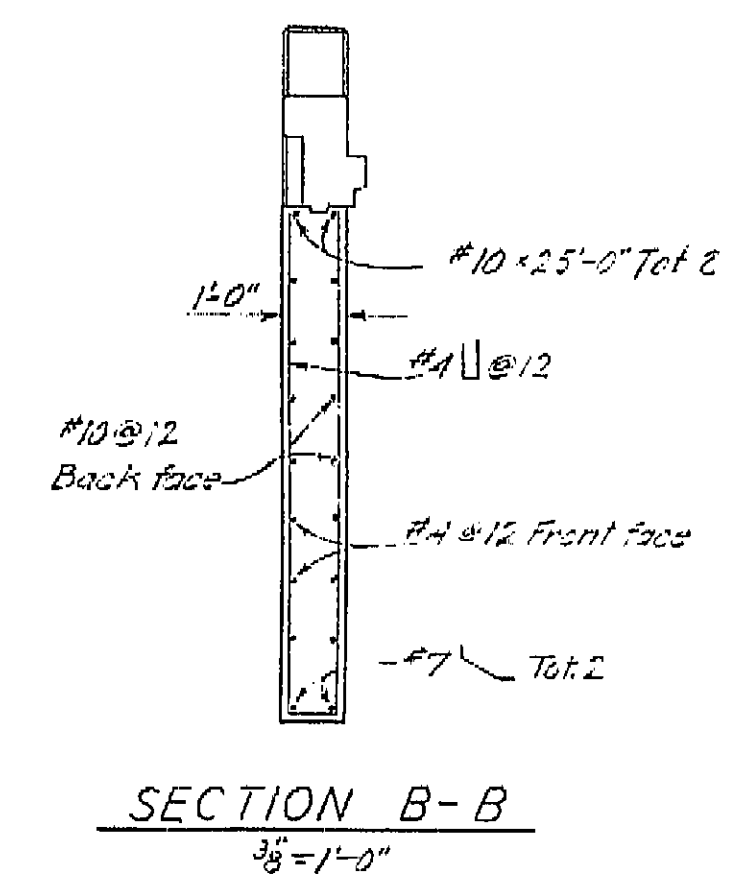
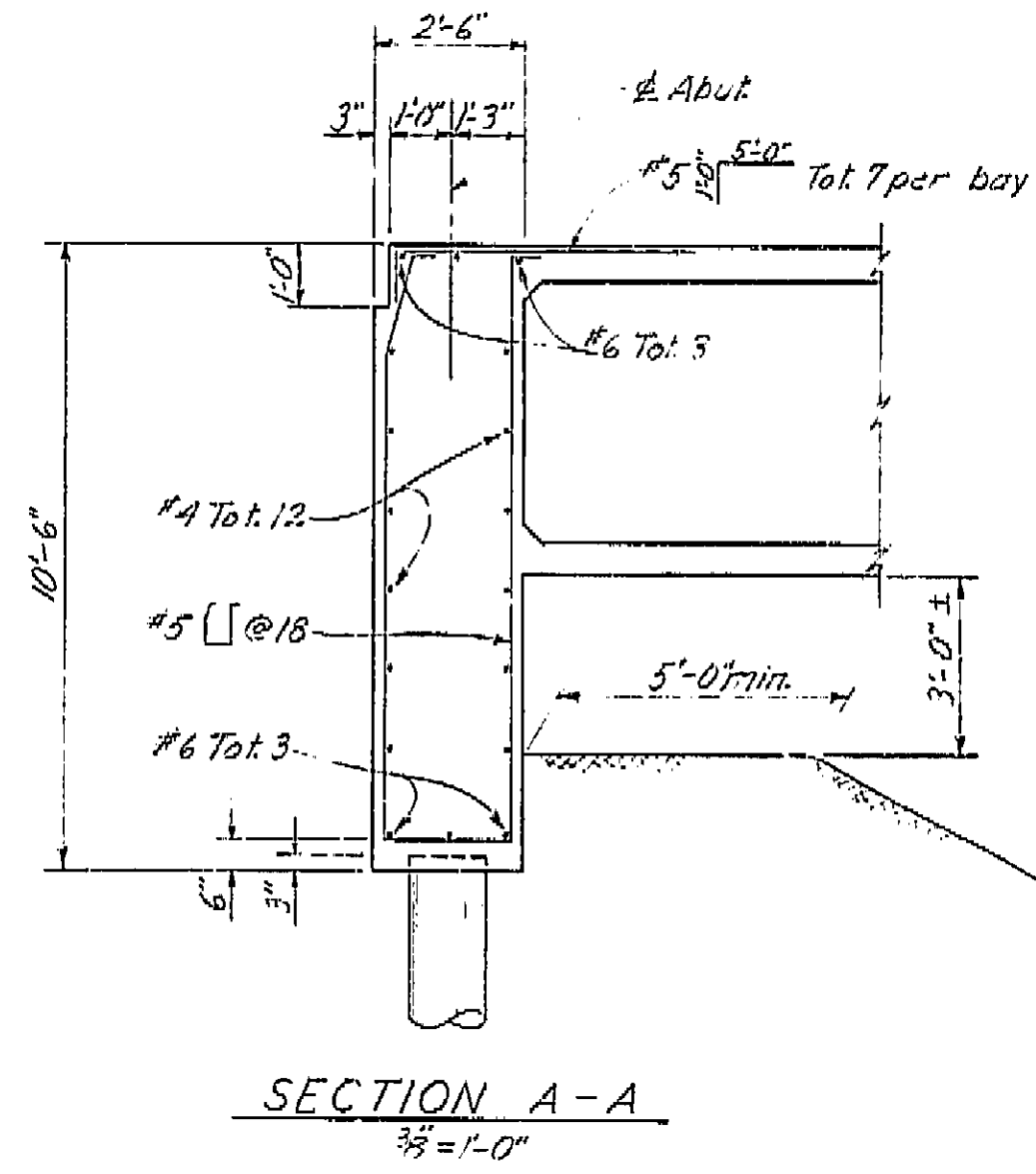
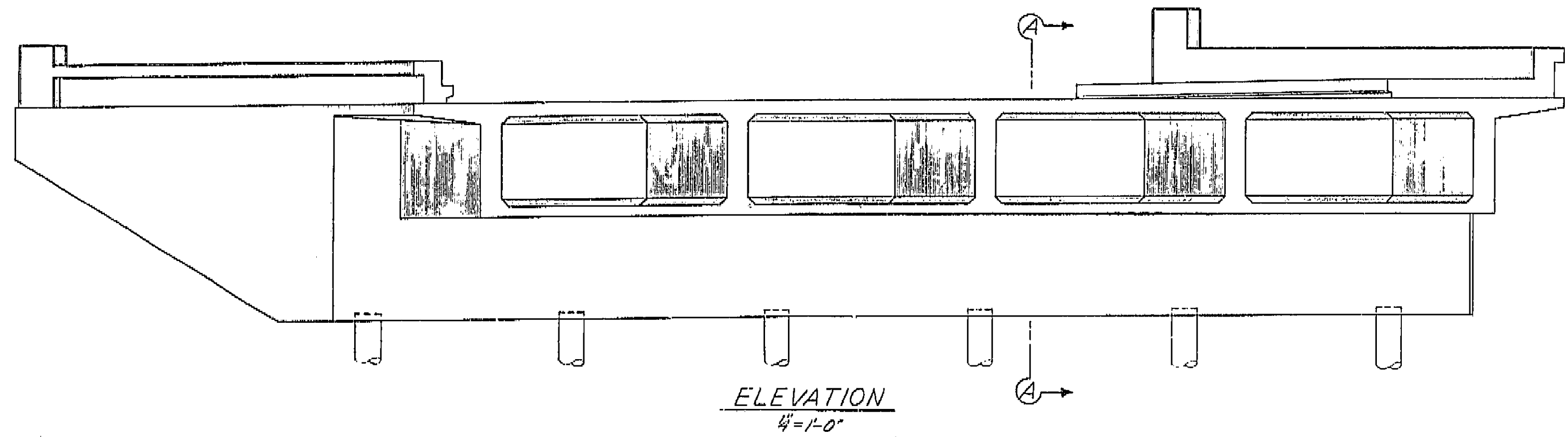
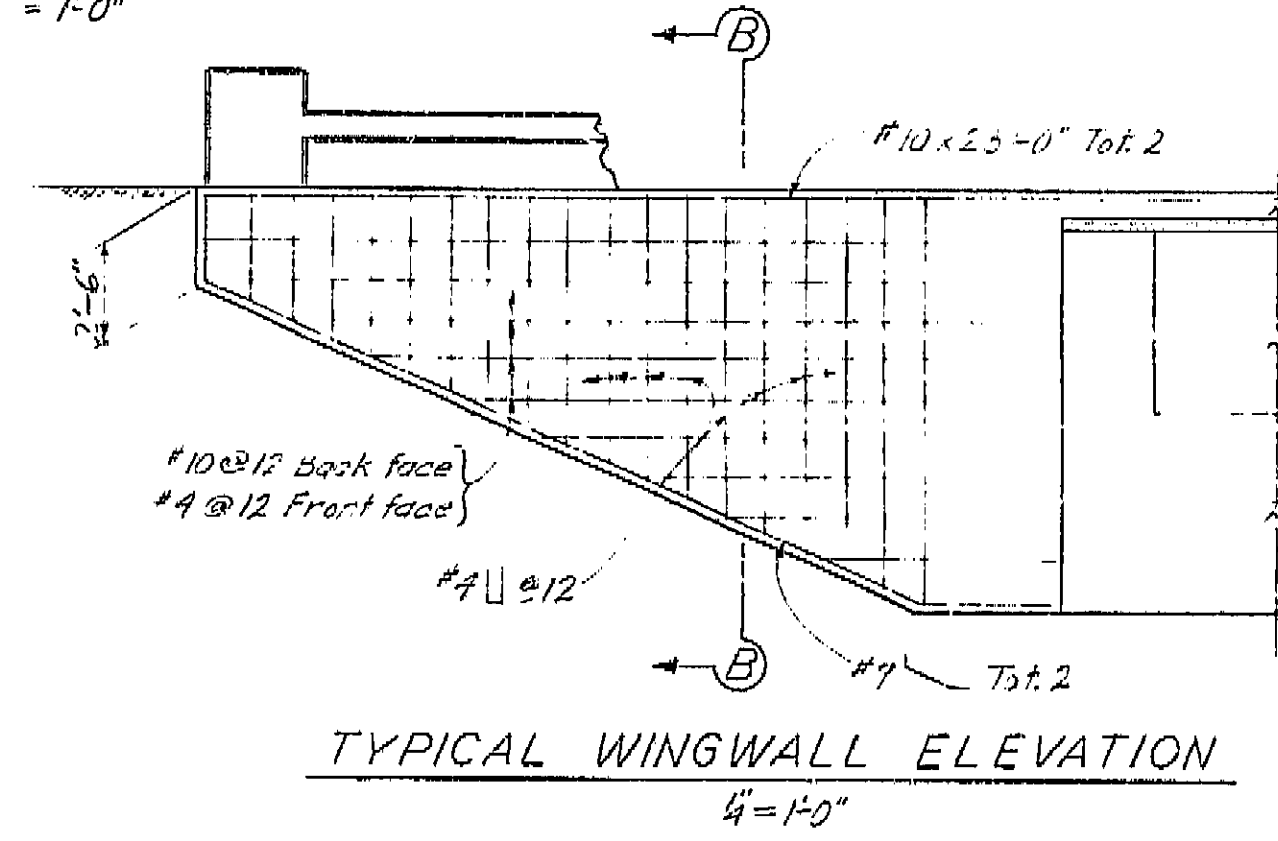
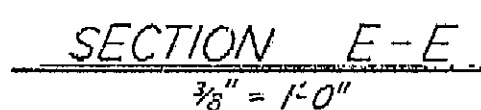
BRIDGE DEPARTMENT	
DESIGN SECTION	
Project Designer: [Signature]	
Chief Designer: [Signature]	
DESIGN	By [Signature] Date 3/60
DETAILS	By [Signature] Date 3/60
QUANTITIES	By [Signature] Date 3/60
SPECIFICATIONS	By [Signature] Date 3/60
Approved Recommended by: [Signature]	

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
CEDAR AVENUE OVERCROSSING	
FOUNDATION PLAN	
SCALE 1" = 20'	BRIDGE 42-209
FILE 5-1	DRAWING C-6736-3

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE 1-12-72 SIGNATURE [Signature] TITLE SR RMC

\* Wingwall LAL. VI Fre 99

DATE APPROVED August 28, 1961



AS BUILT PLANS  
Contract No. 62-6713C3  
Date Completed \_\_\_\_\_  
Document No. 60001062

BRIDGE DEPARTMENT		DESIGN SECTION		2	
Project Designer		<i>[Signature]</i>			
Chief Designer		<i>[Signature]</i>			
DESIGN	Mr. R. A. ...	Plotted	Mr. R. A. ...		
DETAILS	Mr. H. N. Doti	Computed	Mr. R. A. ...		
QUANTITIES	Mr. ...	Checked	Mr. ...		
SPECIFICATIONS	Mr. ...	Checked and Rechecked	Mr. ...		
Approval Recommended by		<i>[Signature]</i>		Civil Eng. License No. 4328	

STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS

CEDAR AVENUE OVERCROSSING

ABUTMENT DETAILS

SCALE <i>As Noted</i>	BRIDGE 42-209	FILE	DRAWING C-6130-4
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PREL. DRAWING No. P. 6736	5	7	21						
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I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

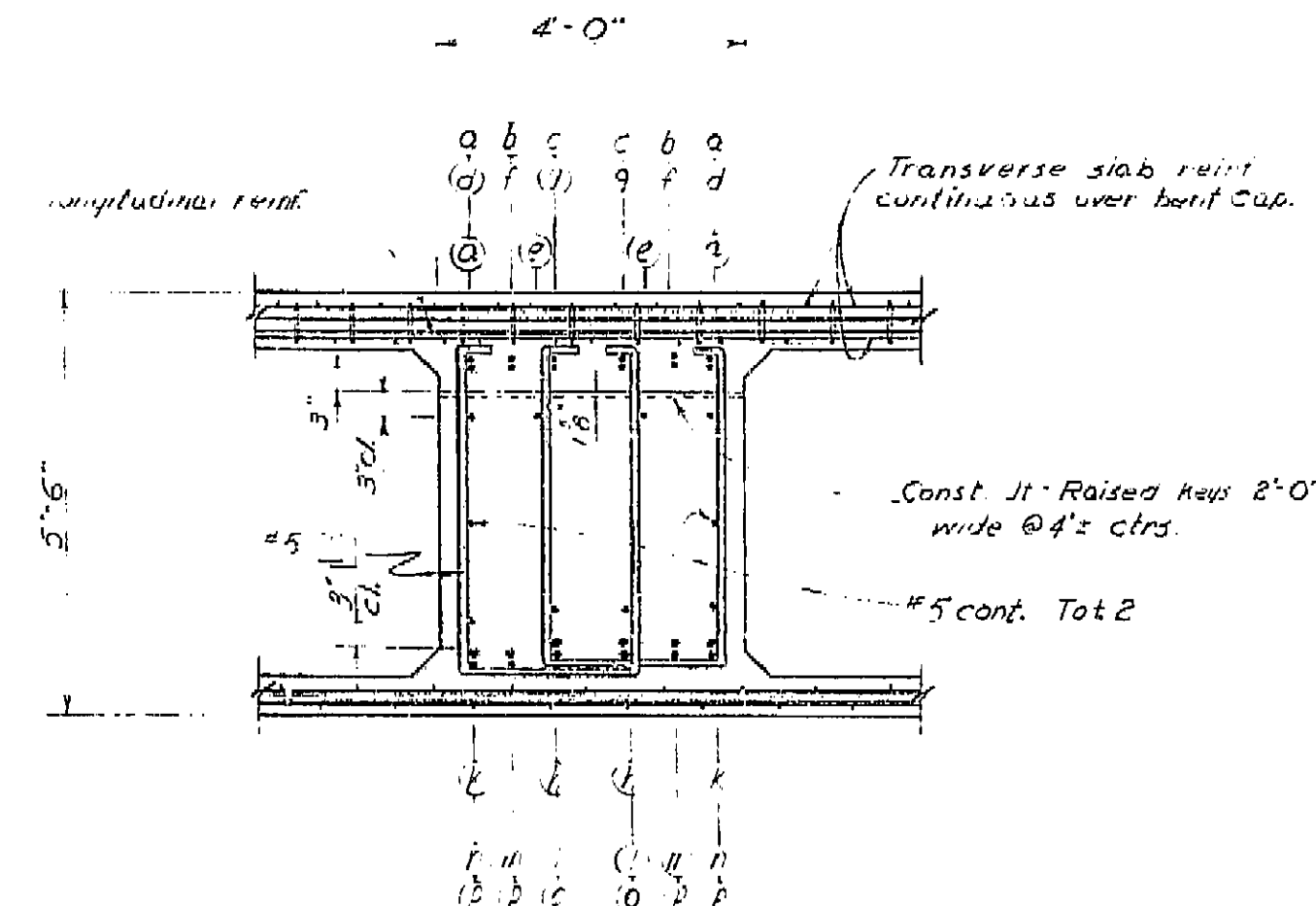
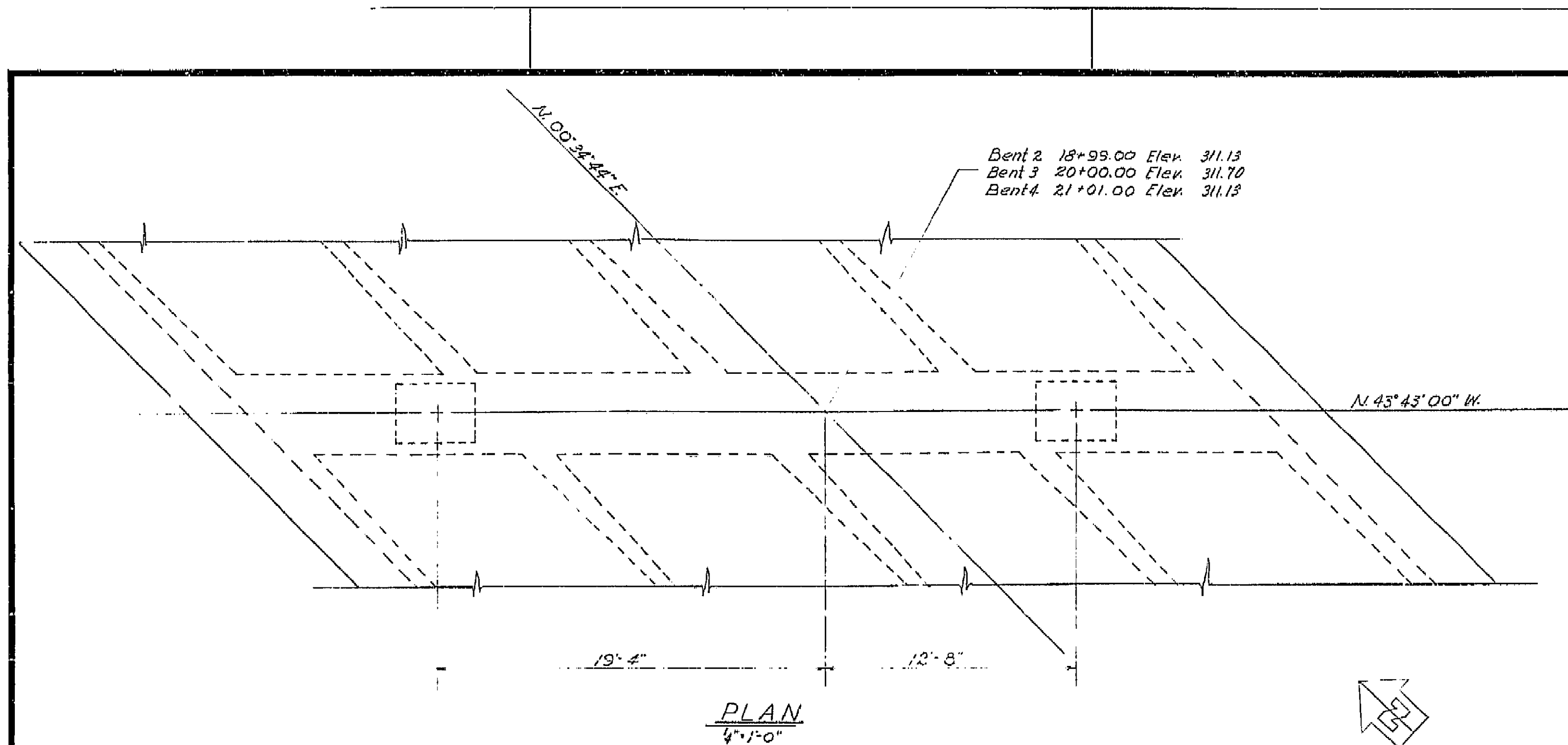
DATE 10/2/72 SIGNATURE [Signature] TITLE SA

U-006-2(6) F-006-2(5)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CALIF.			199	424

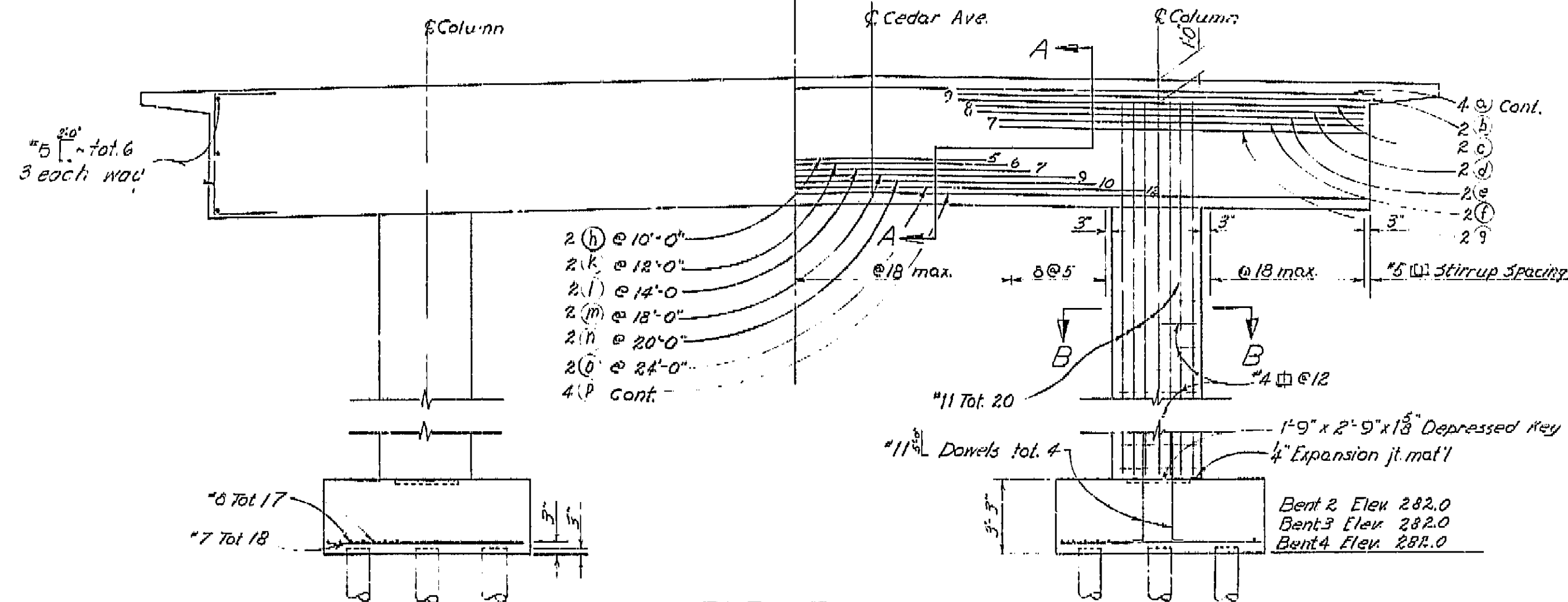
DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
44	Fre	99		199	424

DATE APPROVED August 26, 1961

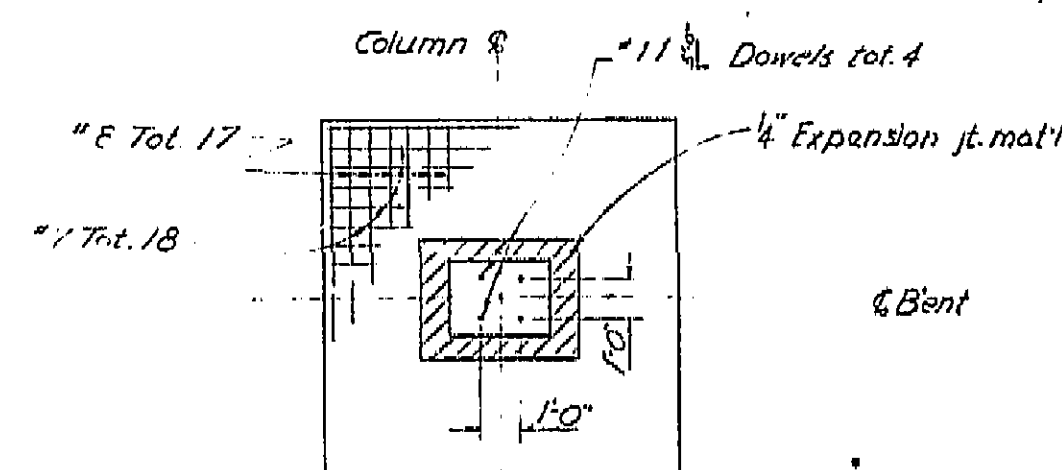
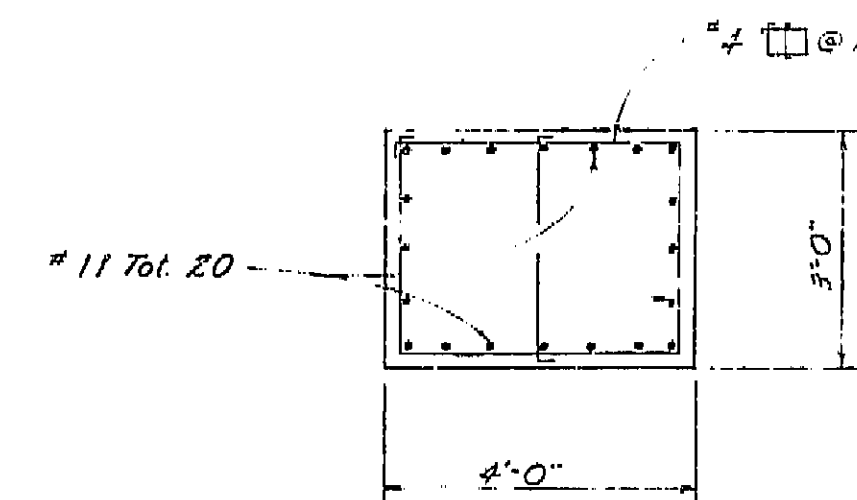


Note: Railings not shown.

Reinf. symmetrical about  $\phi$  between columns.



Note: All bars are #11 except as noted. Numbers at ends of bars indicate distance in feet from  $\phi$  of column for top reinf. or from  $\phi$  between columns for bottom reinf.



ELEVATION  
1/4" = 1'-0"

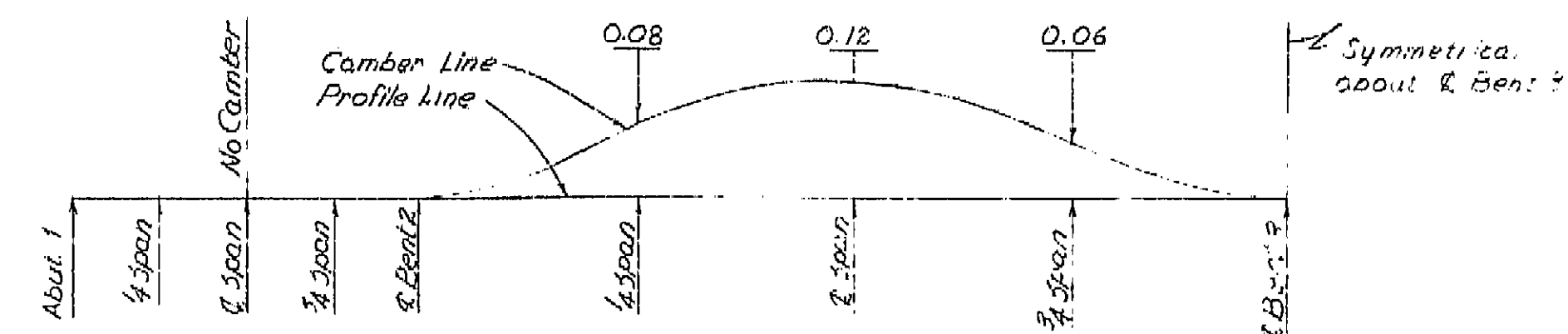
FOOTING PLAN  
1/4" = 1'-0"

AS BUILT PLANS  
Contract No. 62-6713C3  
Date Completed  
Document No. 60001062

BRIDGE DEPARTMENT		DESIGN SECTION		2	
Project Designer		Chief Designer			
DESIGN	By R.N. (initials) 2/61	Checked by J.L. (initials) 2/61			
DETAILS	By Joseph M. Adams 2/61	Checked by J.L. (initials) 2/61			
QUANTITIES	By J. (initials) 2/61	Checked by J.L. (initials) 2/61			
SPECIFICATIONS	By J. (initials) 2/61	Checked by J.L. (initials) 2/61			
Approval Recommended by		Checked by			
Date		Date			
State of Calif.		State of Calif.			
Division of Highways		Division of Highways			
Cedar Avenue Overcrossing		Bent Details			
Scale As Noted		Bridge 42-209		File	
Drawing C-6736-5		Prel. Drawing No. P-6736		8/22/61	

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

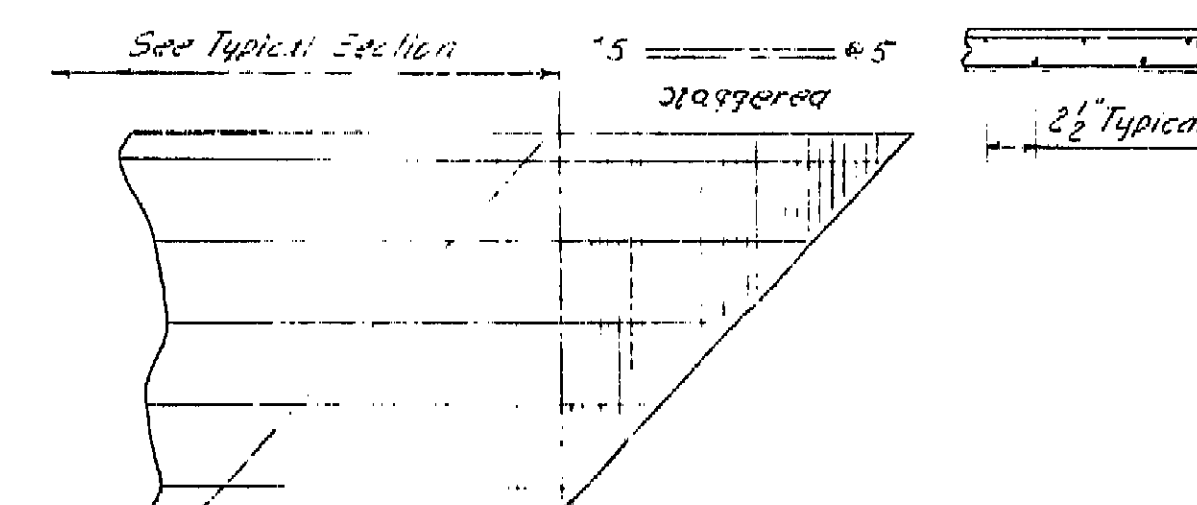
DATE 1-14-62 SIGNATURE TITLE



(Total girder deflection due to dead loads)

The total deflection will be reached about 4 years after falsework removal. For values at time of falsework removal divide those shown by the amount of camber for construction and multiply by the deflection.

AS BUILT PLANS  
Contract No. 62-6713C3  
Date Completed \_\_\_\_\_  
Document No. 60001067

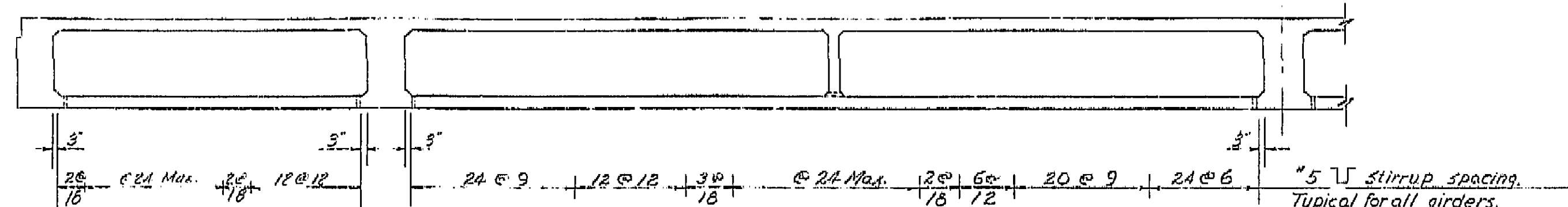


TYPICAL TRANSVERSE REINFORCEMENT  
TCP SLAB AT ABUTMENT



No scale

Symmetrical about Bent 3



No scale

BRIDGE DEPARTMENT <b>DESIGN SECTION</b> Project Designer: <i>E. C. [Signature]</i> Chief Designer: <i>[Signature]</i>		2	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS
DESIGN DETAILS QUANTITIES SPECIFICATIONS		CHECKED BY: <i>[Signature]</i> CHECKED BY: <i>[Signature]</i> CHECKED BY: <i>[Signature]</i> FIELD AND BENCH ENGINEER	CEDAR AVENUE OVERCROSSING  TYPICAL SECTION & GIRDER LAYOUT
APPROVAL RECOMMENDED BY: <i>[Signature]</i> CHIEF AND STRUCTURAL ENGINEER		SCALE 1/8" = 1'-0" BRIDGE 42-209	DRAWING G-5736-6

Disregard prints bearing earlier numbers.

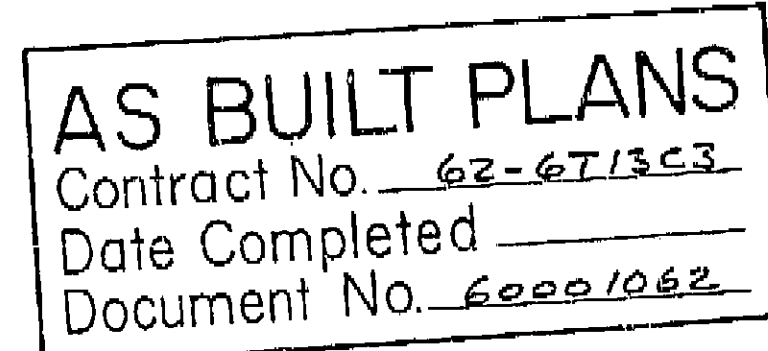
[illegible]

47 -

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

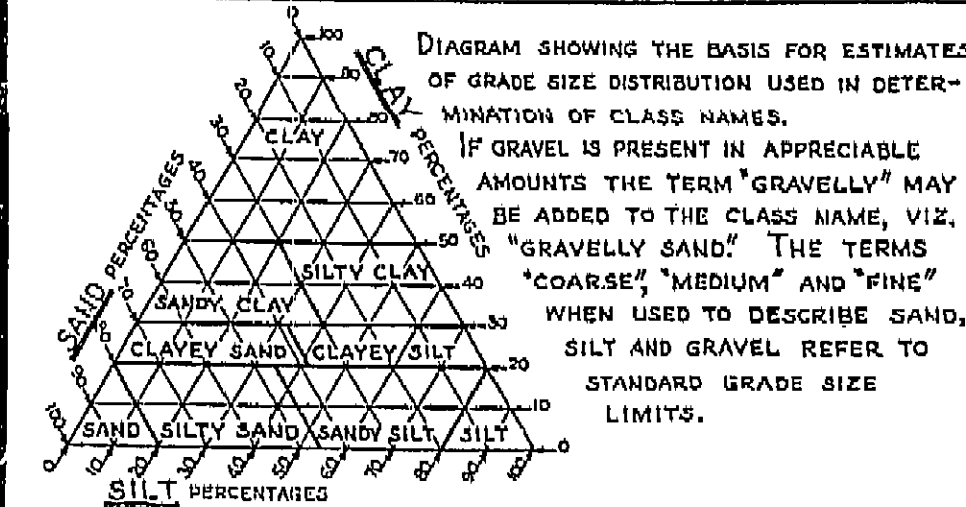
DATE 7-12-82 SIGNATURE [Signature] TITLE [Title]













VI	Fre	99
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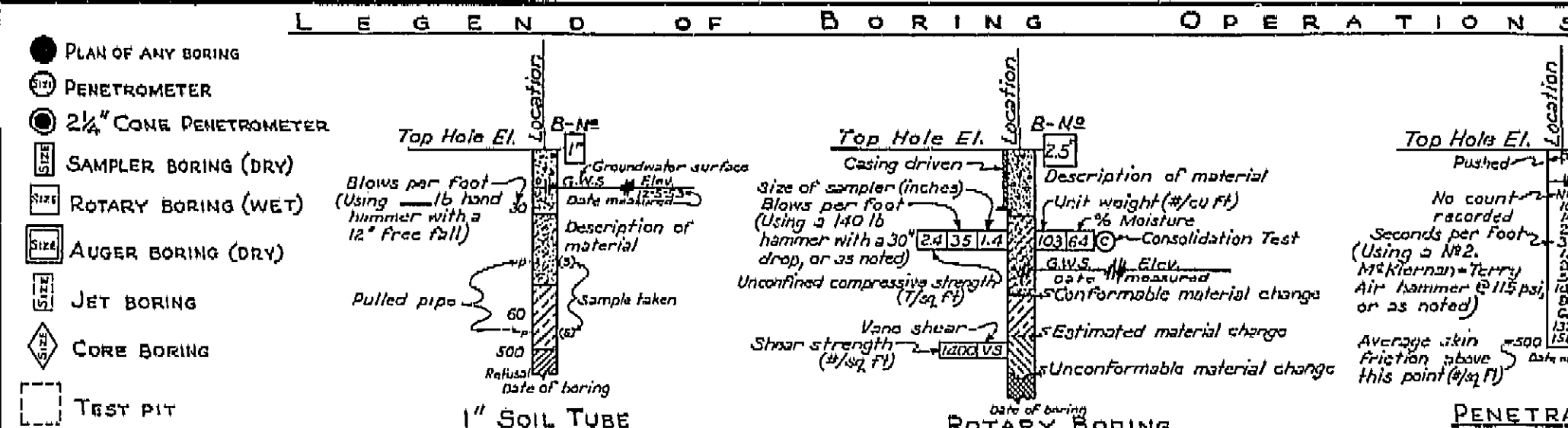


### CLASSIFICATION OF MATERIAL BASED ON STANDARD GRADE SIZE LIMITS

### LEGEND OF EARTH MATERIALS



	GRAVEL		SILTY CLAY OR CLAYEY SILT
	SAND		PEAT AND/OR ORGANIC MATTER
	SILT		FILL MATERIAL
	CLAY		IGNEOUS ROCK
	SANDY CLAY OR CLAYEY SAND		SEDIMENTARY ROCK
	SANDY SILT OR SILTY SAND		METAMORPHIC ROCK



NOTES

Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS

CEDAR AVENUE OVERCROSSING

LOG OF TEST BORINGS

SCALE	1" = 10'	BRIDGE	42-209	FILE	E-42	DRAWING	C-6736-12
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FR-6736-5 438

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

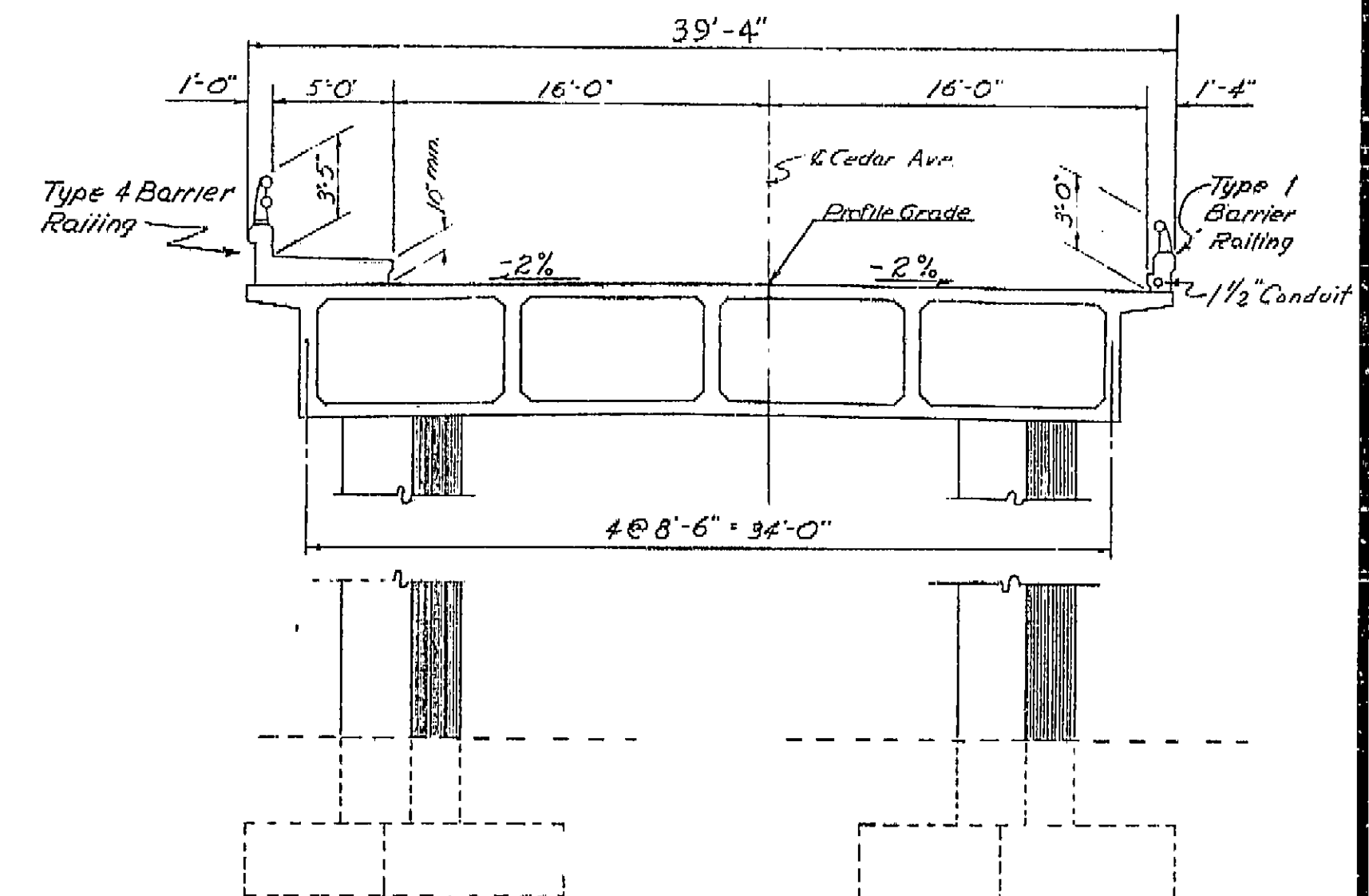
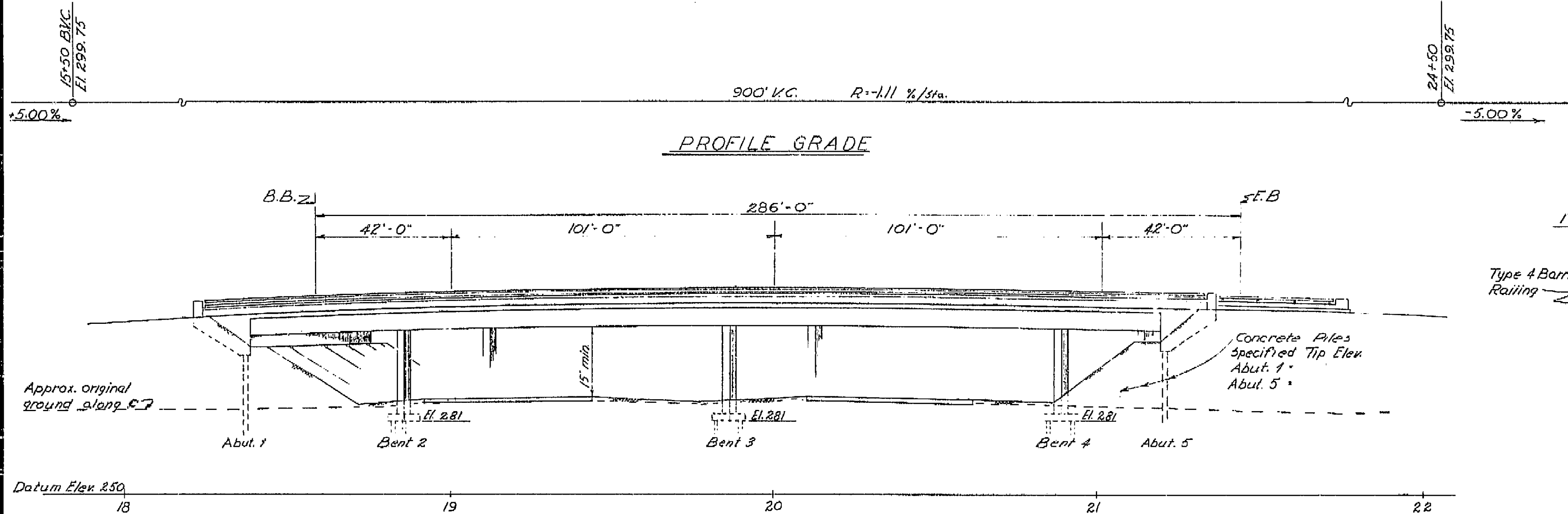
DATE 12/2/68 SIGNATURE [Signature] TITLE [Title]

U-006-2(6) F-006-2(5)

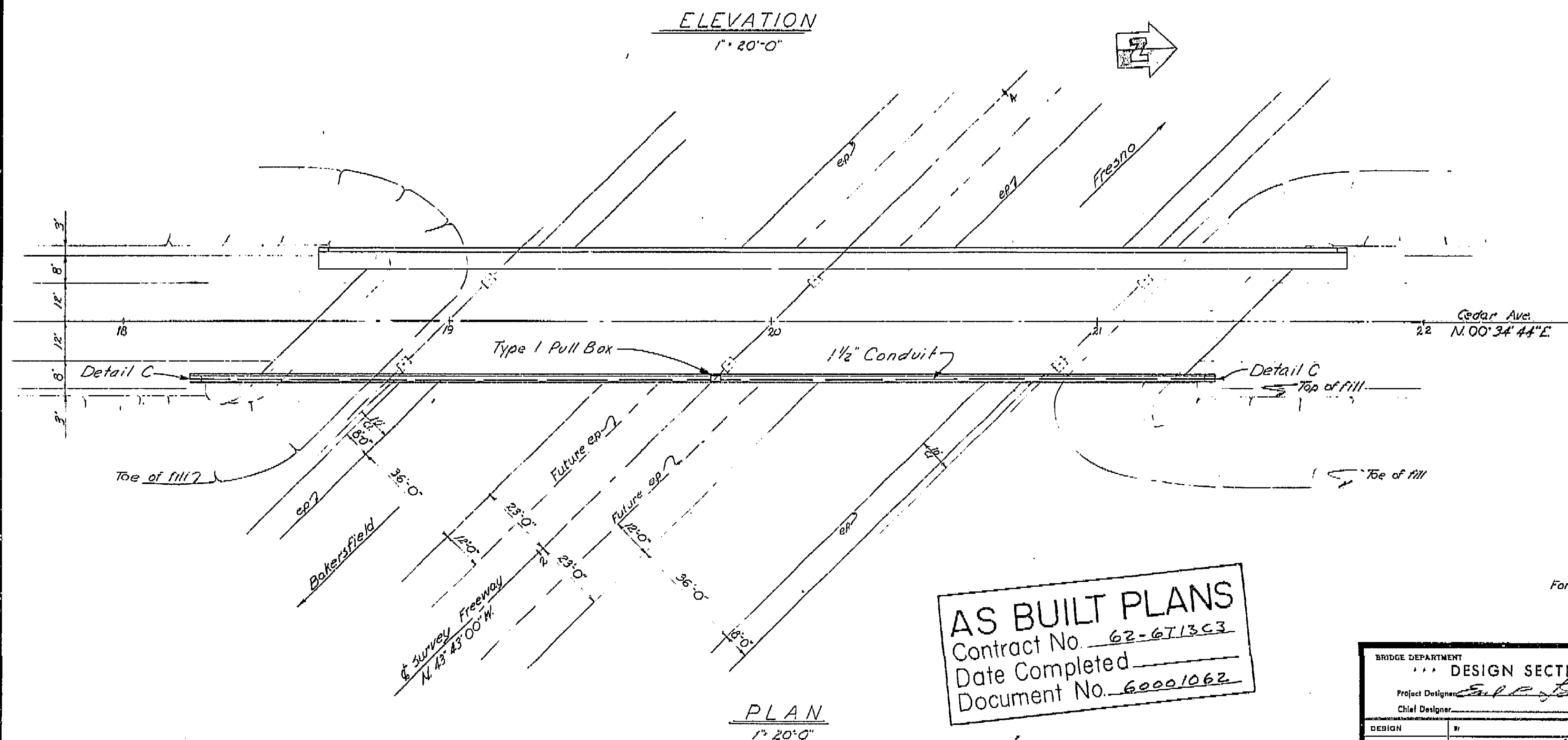
FED. ROAD DIST. NO.	STATE	F.A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		207	424

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	Fre	99		13	13

DISTRICT ENGINEER  
DATE APPROVED: August 28, 1961



TYPICAL SECTION  
3/8" = 1'-0"



Note: This plan accurate for highway lighting only.

For additional notes see Sheet No. ES-7-4

AS BUILT PLANS  
Contract No. 62-6T13C3  
Date Completed  
Document No. 60001062

BRIDGE DEPARTMENT DESIGN SECTION Project Designer: <i>[Signature]</i> Chief Designer:		STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS CEDAR AVENUE OVERCROSSING LOCATED ABOUT 1.9 MILES SOUTH OF THE SOUTH CITY LIMIT OF FRESNO	
DESIGN	By: <i>[Signature]</i> Checked:	LIGHTING PLAN	
DETAILS	By: <i>[Signature]</i> Checked:	SCALE As Noted	
QUANTITIES	By: <i>[Signature]</i> Checked:	BRIDGE 42-209	
ELECTRICAL	By: <i>[Signature]</i> Checked:	FILE	
Approval Recommended by: <i>[Signature]</i>		DRAWING C-6736-13	

PROJECT ENGINEER	DATE	DESIGN ENGINEER	DATE	APPROVAL	RECOMMENDED BY	DATE
<i>[Signature]</i>	4/61	<i>[Signature]</i>	4/61	<i>[Signature]</i>	<i>[Signature]</i>	4/61

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ TITLE: \_\_\_\_\_

U-006-2(6)

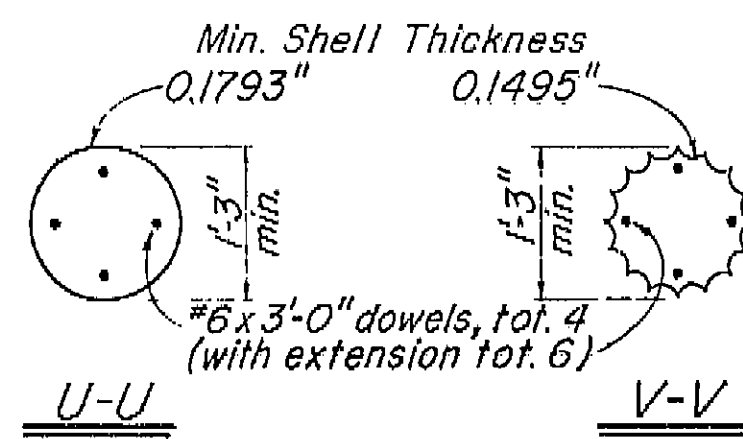
F-006-2(5)

FED. ROAD DIST. NO.	STATE	F. A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
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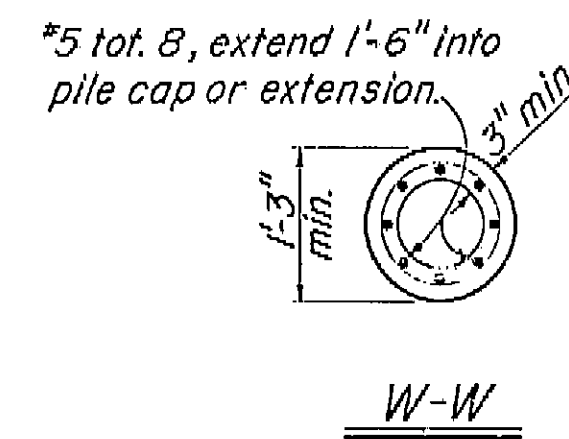
VI Fre 99

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	Fre	99		205	424

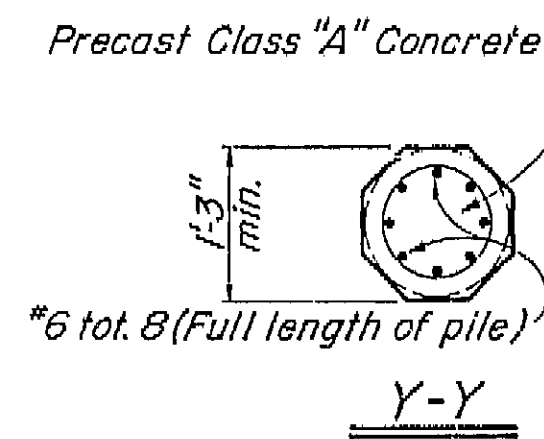
DESIGNED BY: *[Signature]*  
 DATE APPROVED: August 28, 1961



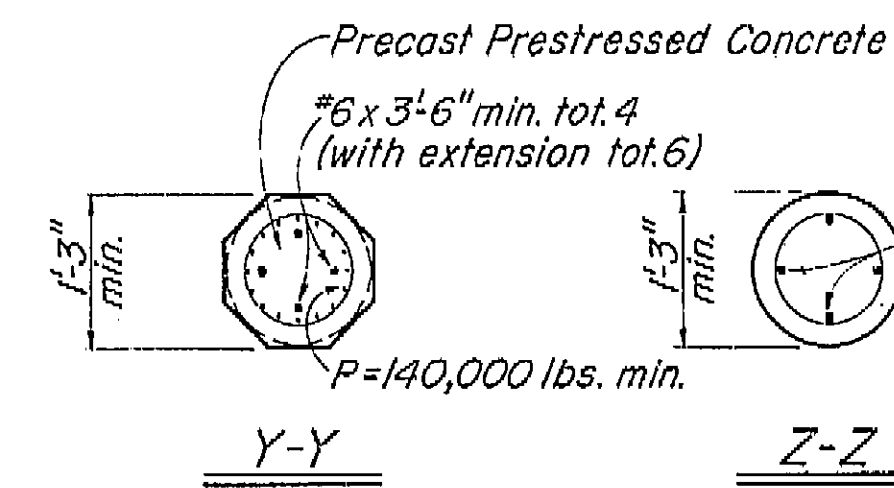
V-V



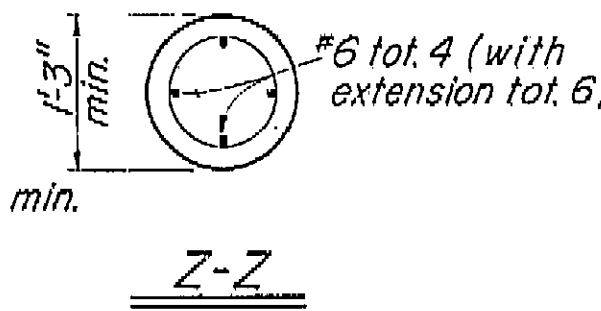
W-W



Y-Y



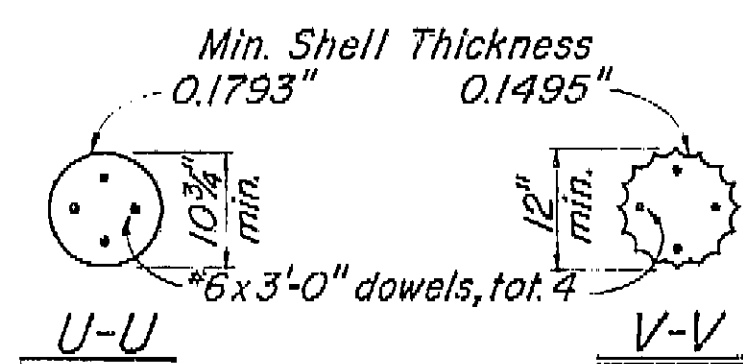
Y-Y



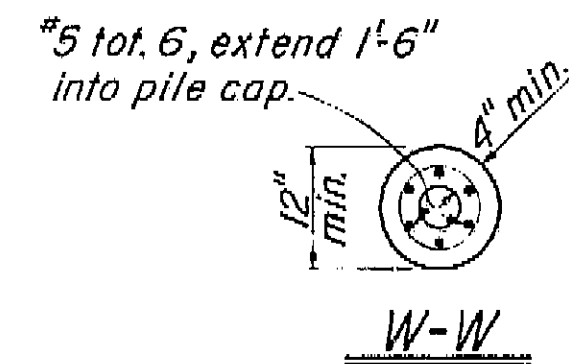
Z-Z

### CLASS I PILES

Scale:  $\frac{3}{4}$ " = 1'-0"



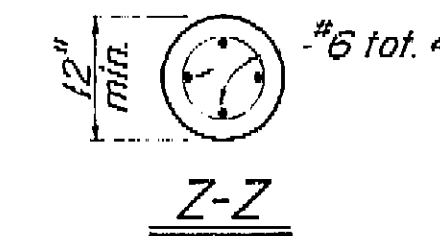
V-V



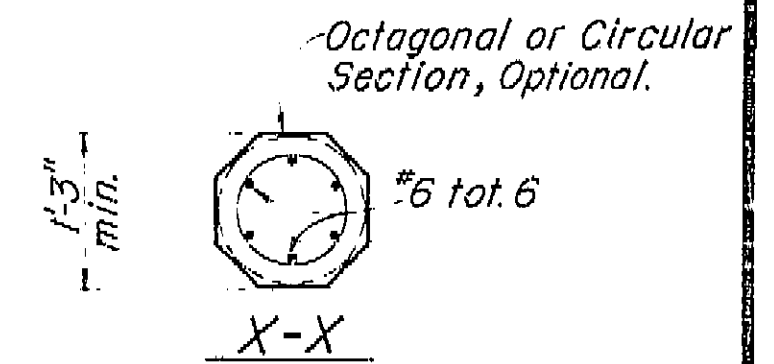
W-W

### CLASS II PILES

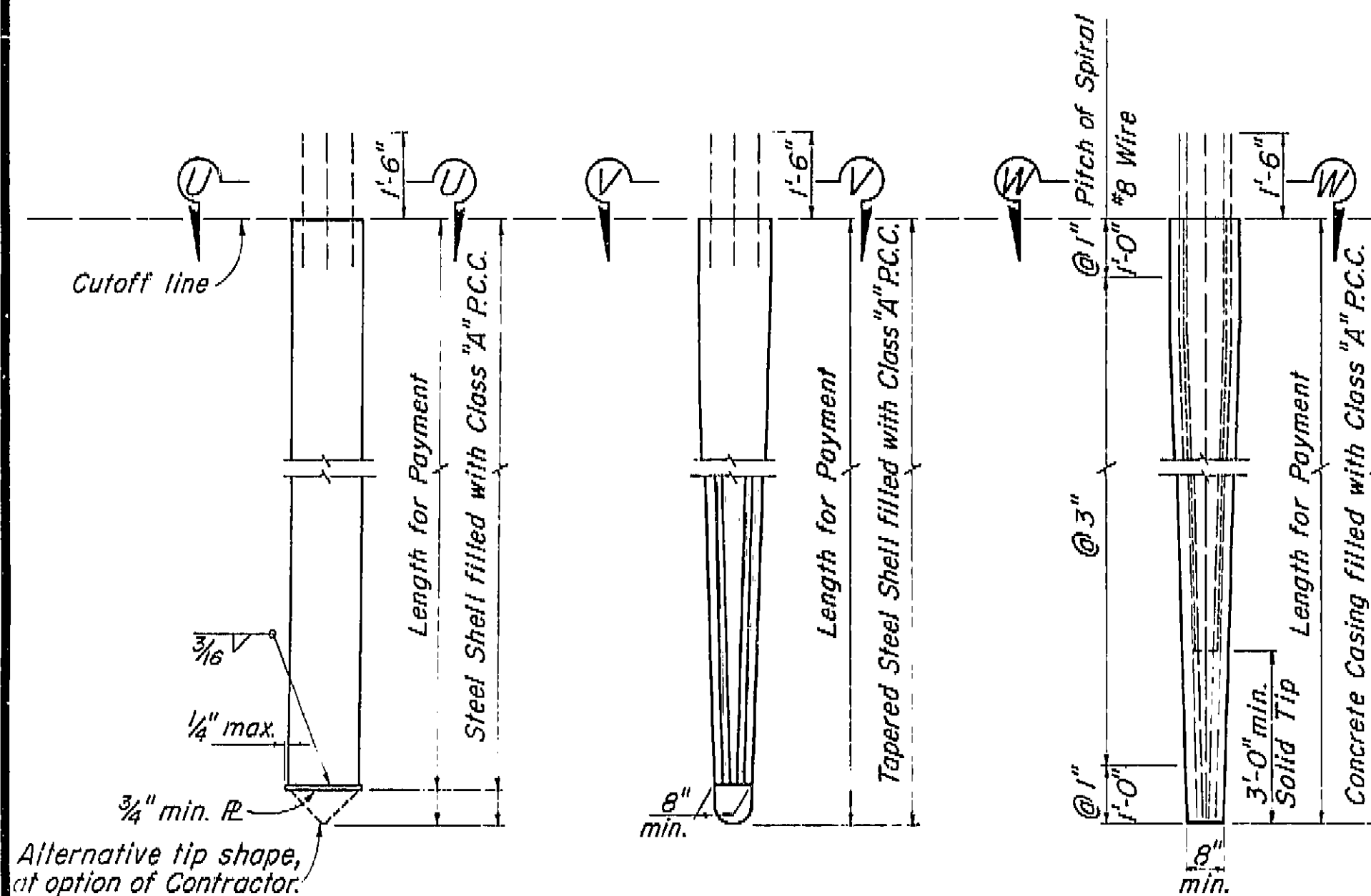
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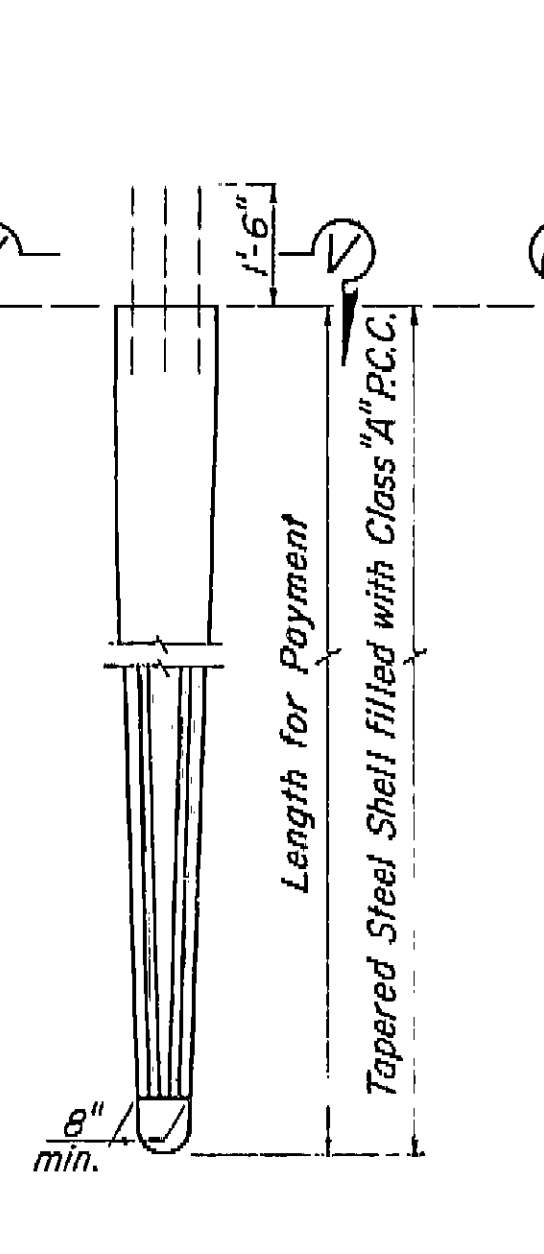
Z-Z



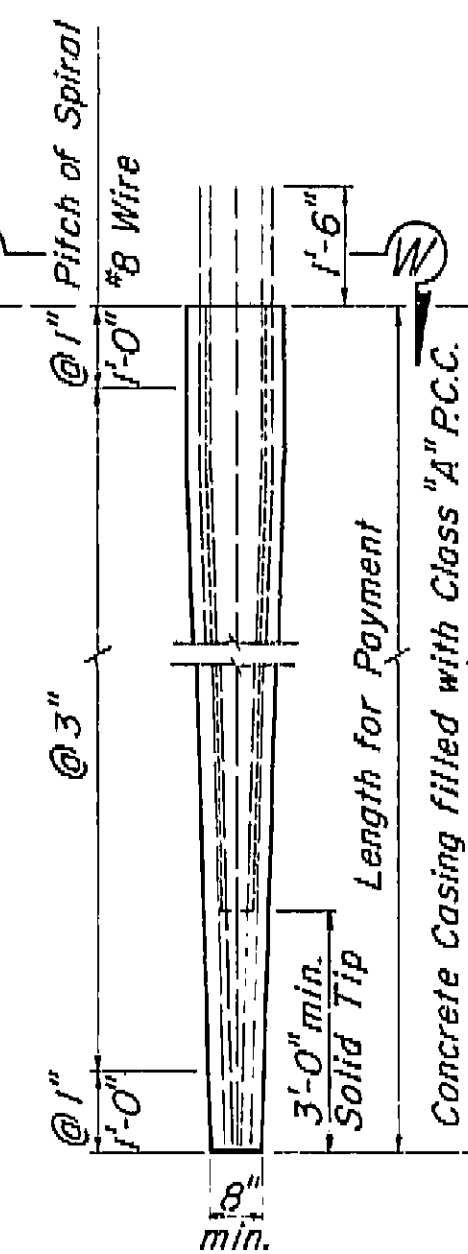
X-X



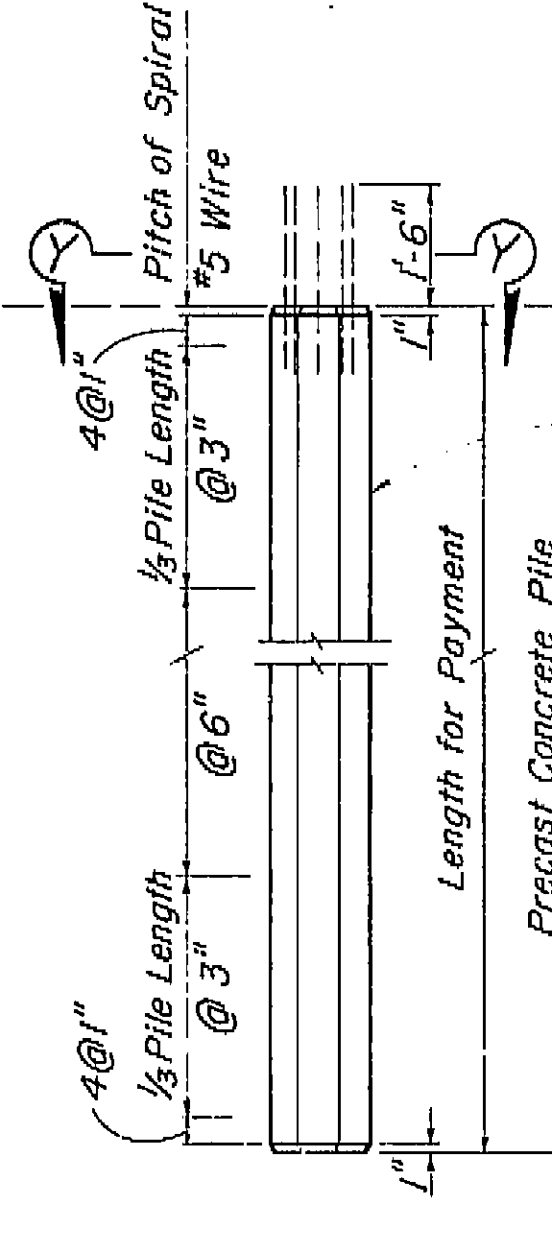
ALTERNATIVE "U"



ALTERNATIVE "V"

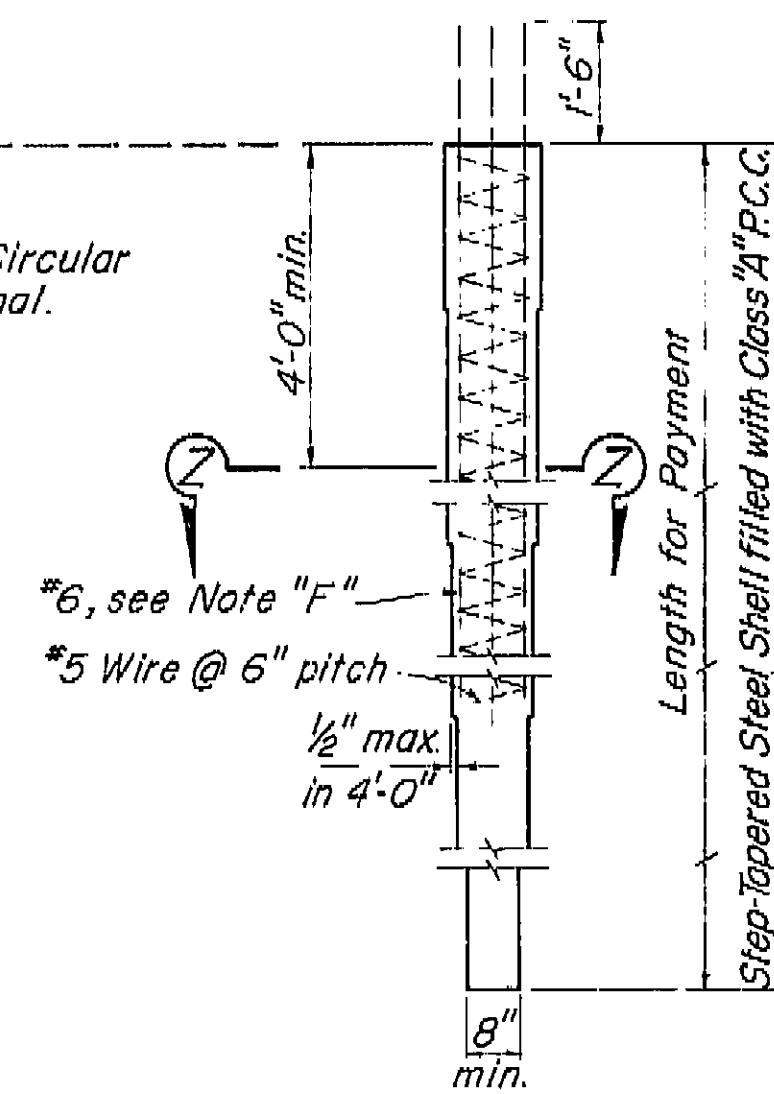


ALTERNATIVE "W"

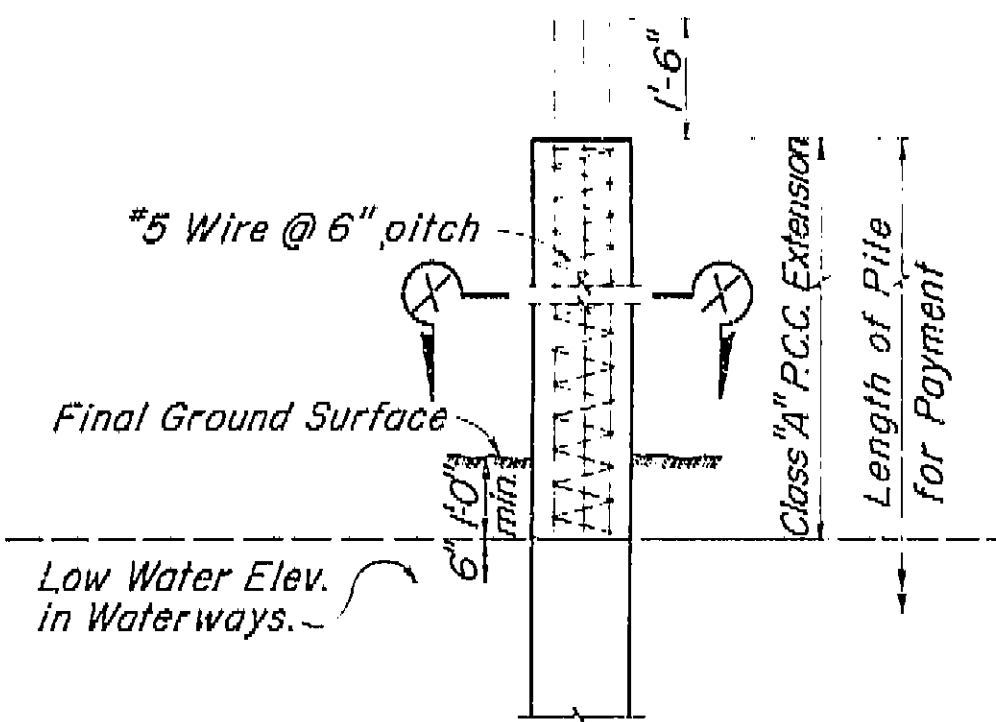


ALTERNATIVE "Y"

Octagonal or Circular Section, Optional.



ALTERNATIVE "Z"



PILE EXTENSION  
 Permitted with Class I Piles only.

### PILE NOTES

Alternative "W" & "Y" may be driven full length and cutoff without extension or may be extended. All exposed piles or pile extensions shall be consistent in cross-section throughout the project.

#### Alternative "Y" (Precast Prestressed)

P = Prestressing Force (after losses)

Concrete stress:

$f'_c = 4500$  p.s.i. @ 28 days

$f'_{ci} = 3500$  p.s.i. @ transfer ( $\frac{3}{8}$  strand)

$f'_{ci} = 4000$  p.s.i. @ transfer ( $\frac{1}{2}$  strand)

Note "F": In Alternative "Z" the #6 bars shall extend a minimum of 12' below the lowest of the following:

1. Bottom of footing

2. Top of final ground surface

3. Top of original ground surface when piles are driven through fills.

Class I piles may be substituted for Class II piles. Unless indicated to the contrary all piles shall be Class I piles.

10" min. dia. pipe extension may be used when step taper is 30' or more in length. Minimum length of extension is 15'. Minimum thickness of pipe extension = 0.1793".

AS BUILT PLANS  
 Contract No. 62-6713C3  
 Date Completed  
 Document No. 60001062

DESIGN LOADING = 45 TONS

DESIGN SECTION	9/60
Section Supervisor	<i>[Signature]</i>
DESIGN	W. R. A.
DETAILS	W. R. A.
QUANTITIES	T. T. S.
DATE	REK

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	9/60
CEDAR AVENUE OVERCROSSING	
CONCRETE PILE DETAILS	
SCALE: $\frac{1}{2}$ " = 1'-0" OF AS NOTED	BRIDGE
FILE XS-10-17	DRAWING C-6736-11

Discard prints bearing earlier numbers

PREL. DRAWING No. P-6736 28

437

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE 12-12-62 SIGNATURE *[Signature]* TITLE *[Title]*

U-006-2(6) F-006-2(5)

FED. ROAD DIV. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CALIF.			202	42

DIST	COUNTY	ROUTE	SECTION	SHEET NO	TOTAL SHEETS
VL	FRE	A	B	8	13

DATE APPROVED: AUGUST 28, 1961

VI	Fre	99
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*1 5/8" x 3" x 1'-0" Raised key in deck slab on low side only, at joints in curb and rail where there is no joint in the deck slab.*

1 5/8" x 6" x 1'-0" Raised key in deck slab on low side only, at joints in curb and rail where there is no joint in the deck slab

CURB AND SIDEWALK  
EXPANSION JOINT  
DETAIL C-1

**LONGITUDINAL CONSTRUCTION JOINTS**  
*Note: Longitudinal construction joints in slab, if required,  
 are to be located at edge of traffic lanes except  
 as approved by the Engineer.*

AS BUILT PLANS  
Contract No. 62-6T13C3  
Date Completed \_\_\_\_\_  
Document No. 60001062

TRANSVERSE GIRDER CONSTRUCTION JOINTS  
DETAIL J-3

BENT CAP DIAPHRAGMS  
LONGITUDINAL CONSTRUCTION JOINTS  
DETAIL J-4

DETAIL J-20      DETAIL J-21      DETAIL J-22

Straight surface joint

1'-0 1/2"      3/4"      3/4"

1'-0 1/2"      1'-0 1/2"      1'-0 1/2"

3/4"      1 1/2"

DECK SLAB

6
PART SECTIONS  
EXTERIOR GIRDER      EXTERIOR GIRDER  
WITH SLAB CANTILEVER      WITH CURB

INTERMEDIATE DIAPHRAGM SECTION  
DETAIL D-1

RUBBER WATERSTOP  
DETAIL W-1

SEALED EXPANSION JOINT  
DETAIL L-1

DETAIL M-1

SECTION A-A

PART SECTION  
INTERIOR GIRDER

KEY - GIRDER STEM TO SLAB  
DETAIL J-5

## 9/60

STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS

CEDAR AVENUE OVERCROSSING

STANDARD DETAILS NO. 1 (BOX GIRDER)

SCALE None	BRIDGE 42-209	XS-16-22 FILE	DRAWING C-6736-8
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[illegible]

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE 11/2/82 SIGNATURE [Signature] TITLE [Title]

SCALE 1" = 50' MICROFILM - STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS - MICROFILM

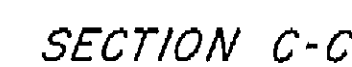
SCALE 1" = 50'

SCALE 1" =

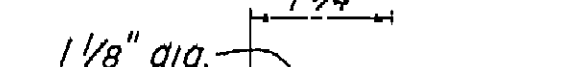
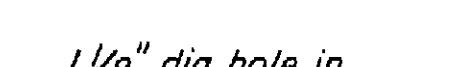
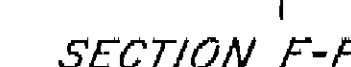
MICROFILM - STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS - MICROFILM

SCALE 1" = 20'

AS BUILT PLANS  
Contract No. 62-671353  
Date Completed \_\_\_\_\_  
Document No. 60001062



### Notes



BRIDGE DEPARTMENT		2
DESIGN SECTION		
Section Supervisor <i>W. J. [Signature]</i>		
DESIGN	By <i>[Signature]</i>	
	Checked <i>[Signature]</i>	1/6
DETAILS	By <i>[Signature]</i>	
	Checked <i>[Signature]</i>	1/6
QUANTITIES	By <i>[Signature]</i>	
	Checked <i>[Signature]</i>	

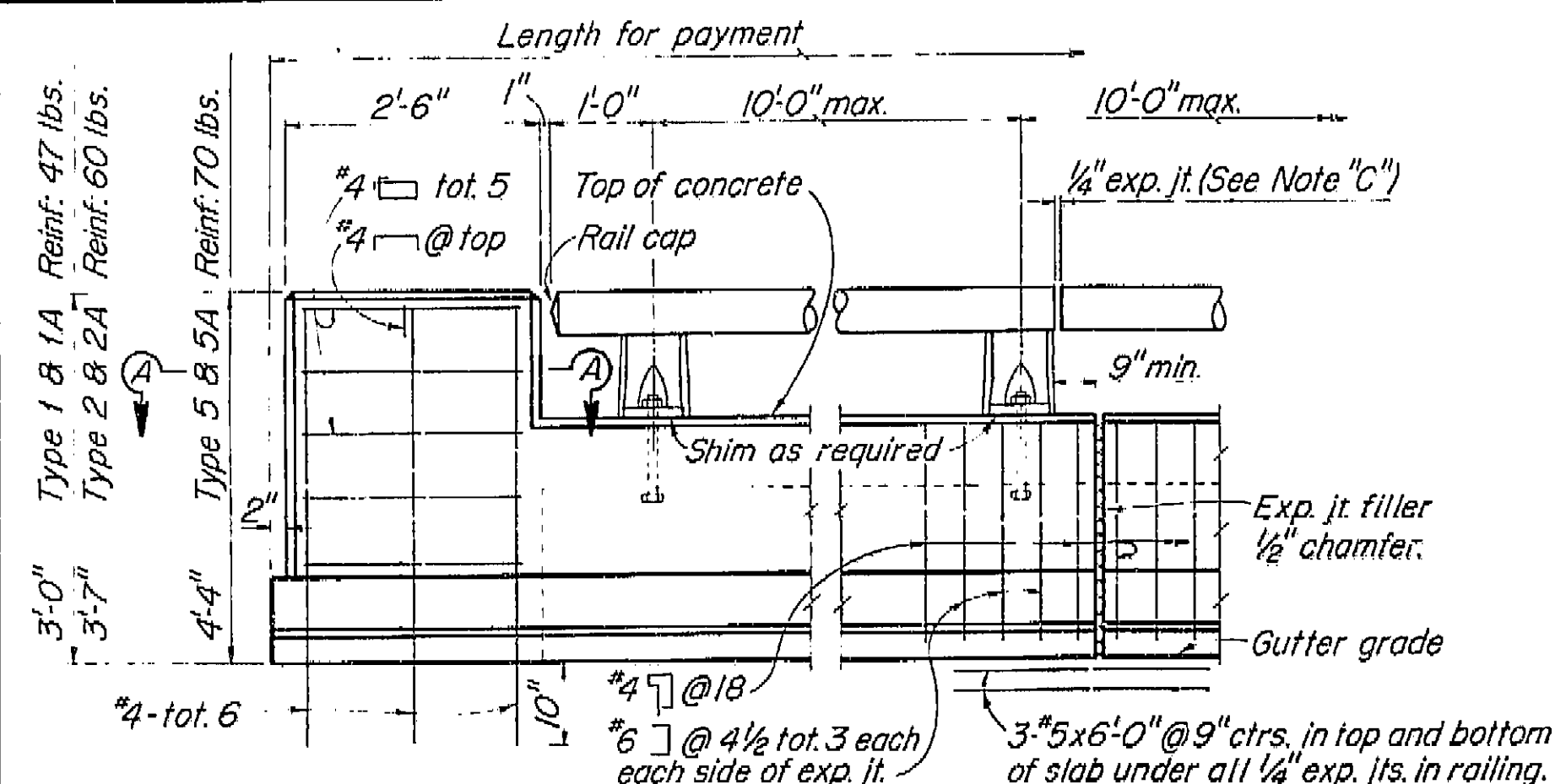
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DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_ TITLE \_\_\_\_\_

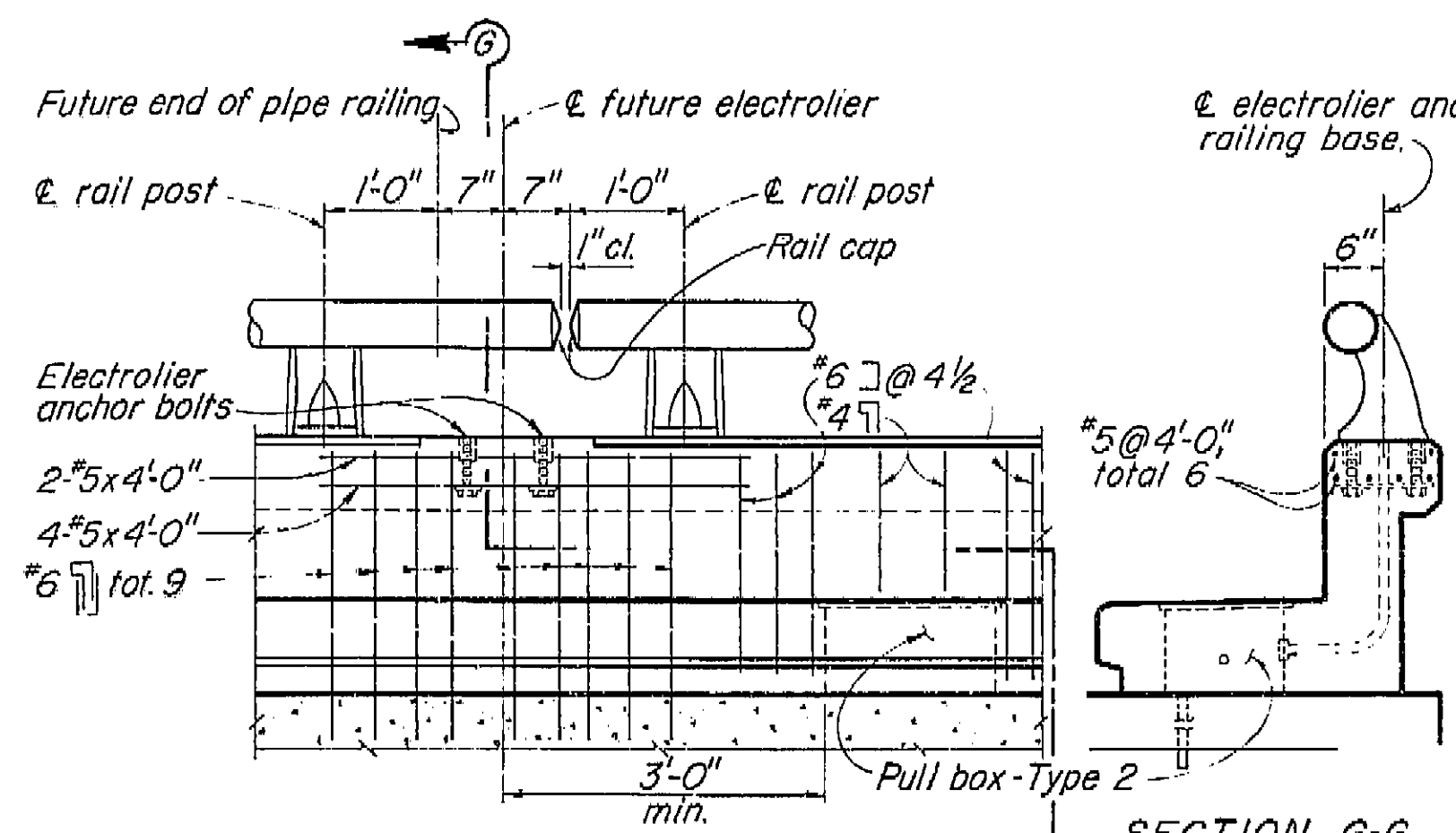
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U-006-2(6) F-006-2(5)

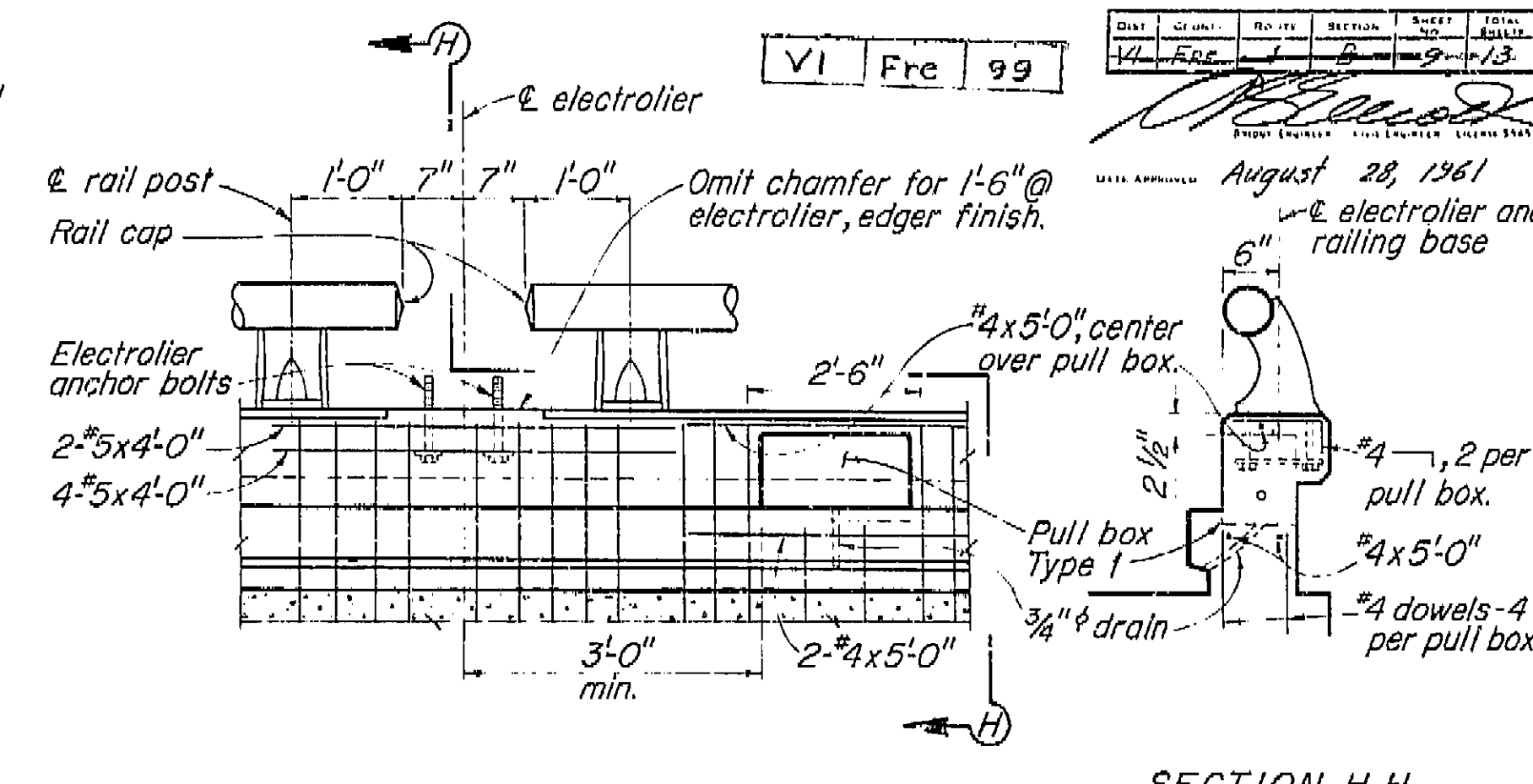
FED. ROAD DIST. NO.	STATE	F.A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		203	424



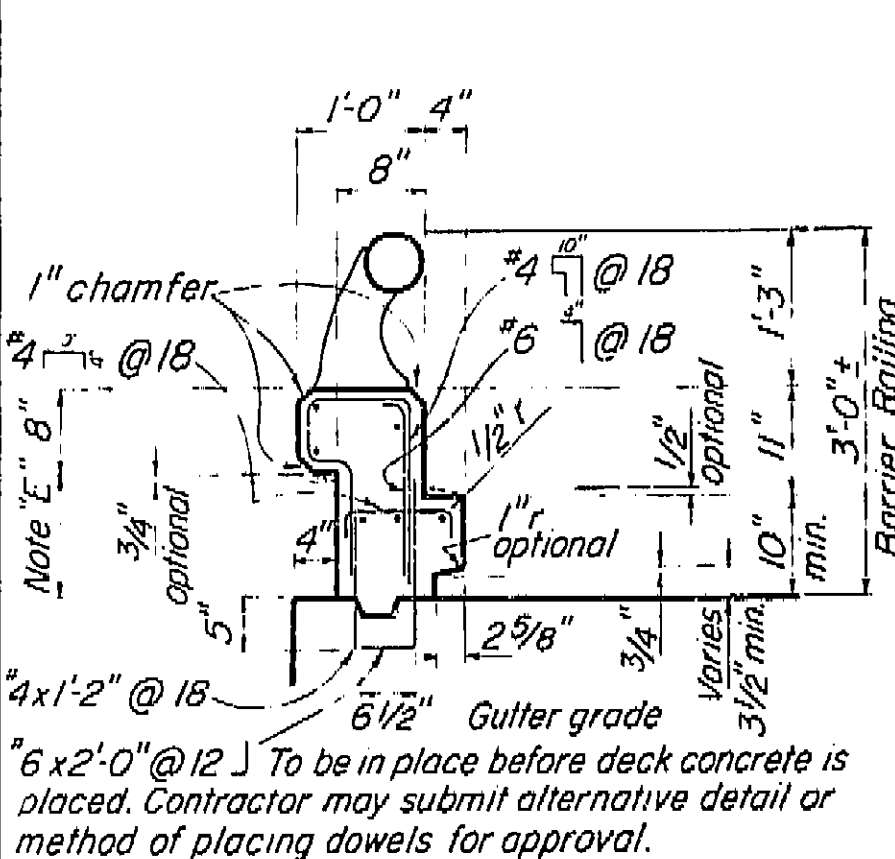
RAILING AT END POST  
(SHOWING TYPE 1 CURB)



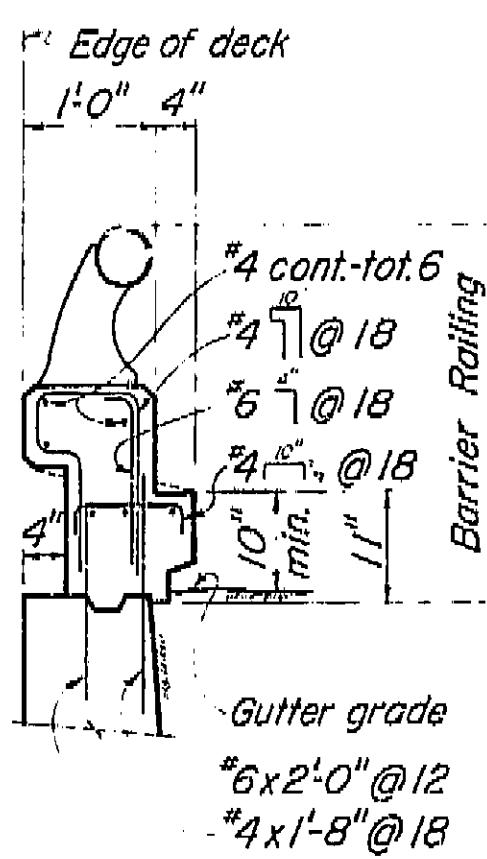
RAILING CLOSURE AT ELECTROLIER  
(SHOWING TYPE 2 CURB)



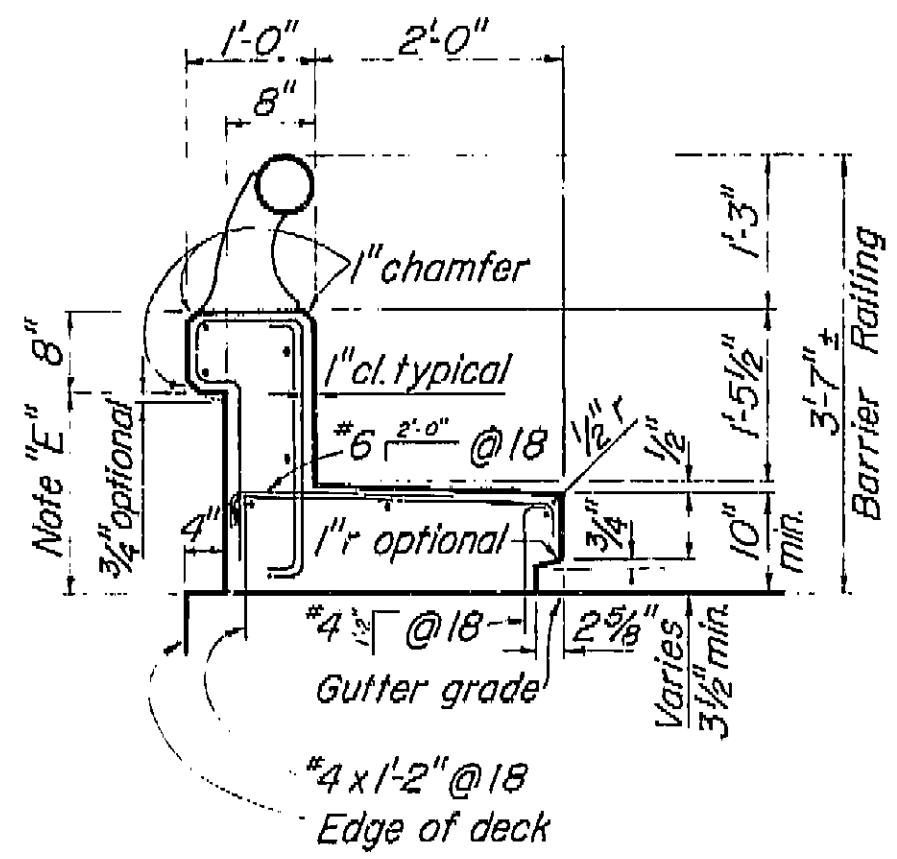
RAILING AT ELECTROLIER  
(SHOWING TYPE 1 CURB)



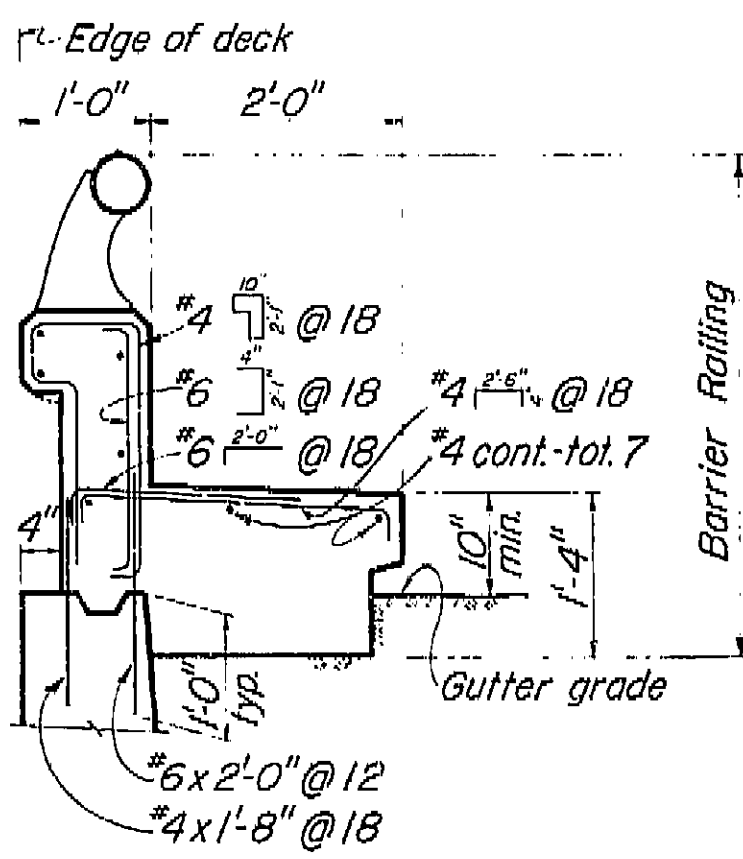
TYPE 1  
Conc. 1.61 cu. ft. / lin. ft.  
Reinf. 11.8 lbs. / lin. ft.



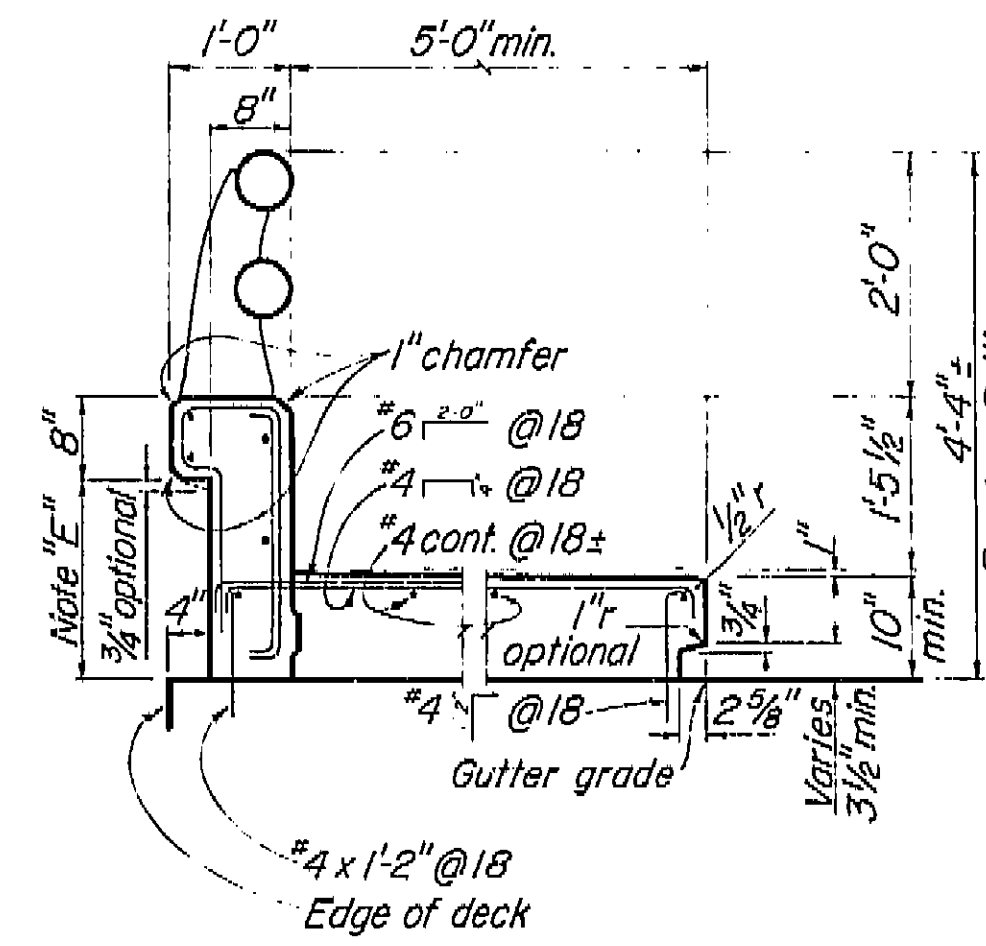
TYPE 1A  
Conc. 1.61 cu. ft. / lin. ft.  
Reinf. 12.0 lbs. / lin. ft.



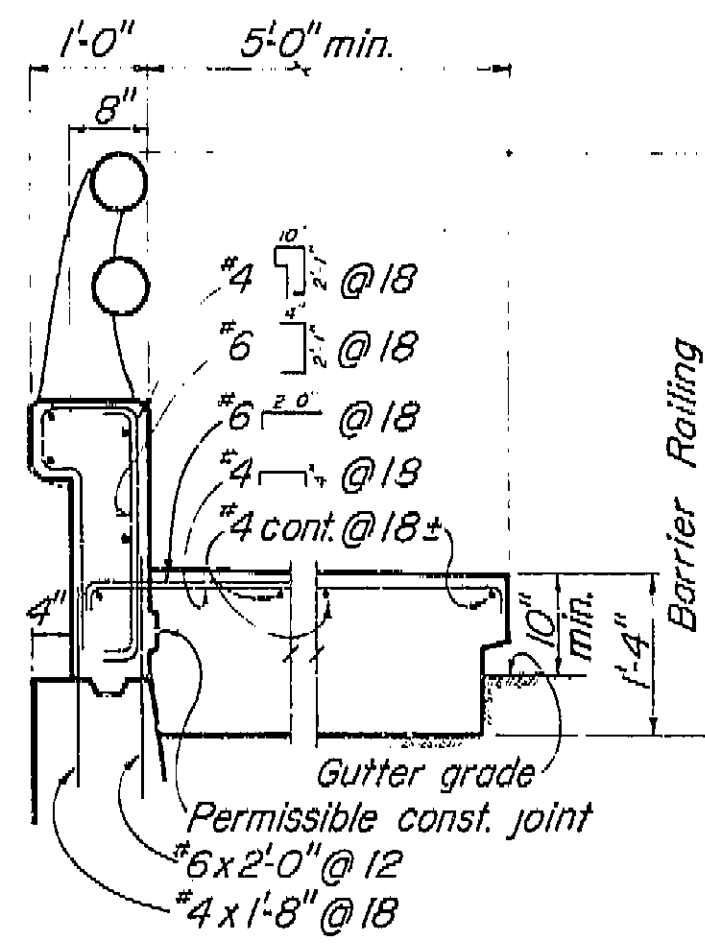
TYPE 2  
Conc. 3.43 cu. ft. / lin. ft.  
Reinf. 14.7 lbs. / lin. ft.



TYPE 2A  
Conc. 4.30 cu. ft. / lin. ft.  
Reinf. 17.3 lbs. / lin. ft.

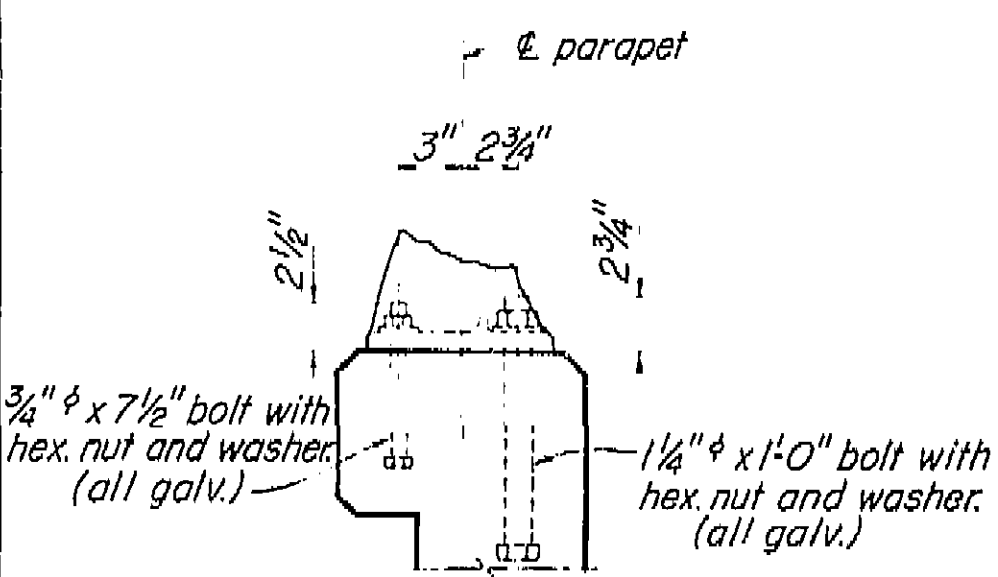


TYPE 5  
Conc. 6.10 cu. ft. / lin. ft.  
Reinf. 17.2 lbs. / lin. ft.  
Conc. 0.84 cu. ft. / lin. ft.  
Reinf. 2.1 lbs. / lin. ft.



TYPE 5A  
Conc. 8.35 cu. ft. / lin. ft.  
Reinf. 19.7 lbs. / lin. ft.  
Conc. 1.34 cu. ft. / lin. ft.  
Reinf. 2.1 lbs. / lin. ft.

TYPICAL CURB AND RAIL SECTIONS



RAIL POST ANCHOR BOLT DETAIL  
Scale: 1 1/2" = 1'-0"

AS BUILT PLANS  
Contract No. 62-6713C3  
Date Completed  
Document No. 60001062

- Note: A. Railing shall conform to horizontal and vertical alignment.  
B. Posts shall be normal to railing.  
C. Curb and wall exp. jts. to be located at all deck joints, at piers or bents and at uniform spacing (40' max.) between those specified. Joint size to be 1/4" min. and increased to match deck joints.  
D. Construct 3" deep x 12" wide overflow scupper 2" above deck at low points in grade.  
E. Dimension will vary with cross-slope of deck.  
F. Walls are to be backfilled before railing is placed.

- G. Clearance to reinforcing steel in curb and railing to be 1".

BRIDGE DEPARTMENT DESIGN SECTION 10/60 CEDAR AVENUE OVERCROSSING BARRIER RAILING SHEET 1	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS
DESIGNER: [Signature] CHECKED: [Signature] DATE: 11/60	FILE: XS-9-63 DRAWING: C-6736-9

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE: 11/60 SIGNATURE: [Signature] TITLE: [Title]

11-006-2(6)

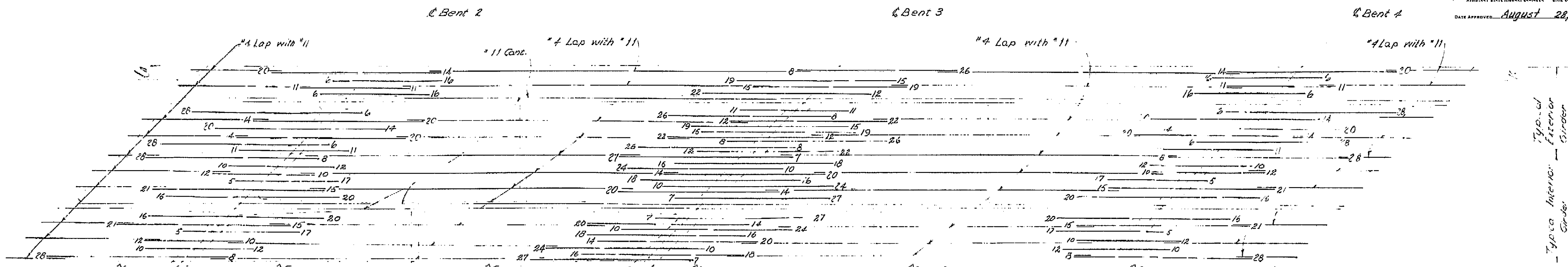
F-006-2(5)

FED. ROAD DIV. NO.	STATE	F. A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		201	424

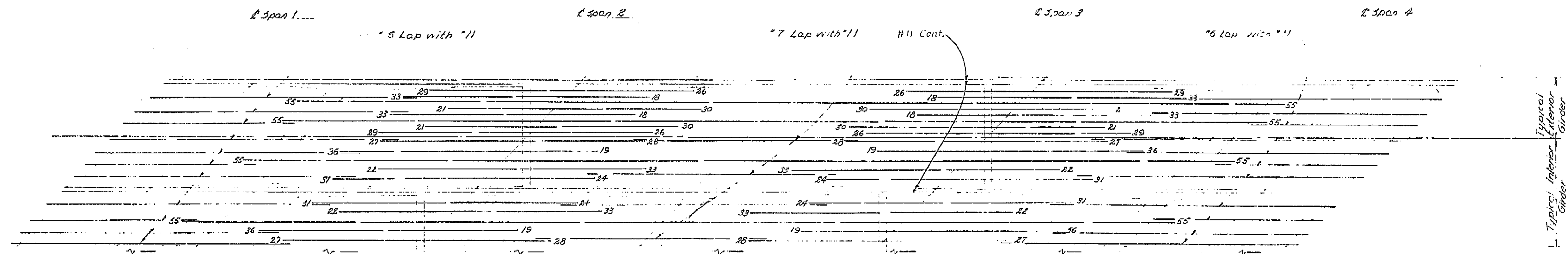
VI Fre 99

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	Fre	99		201	424

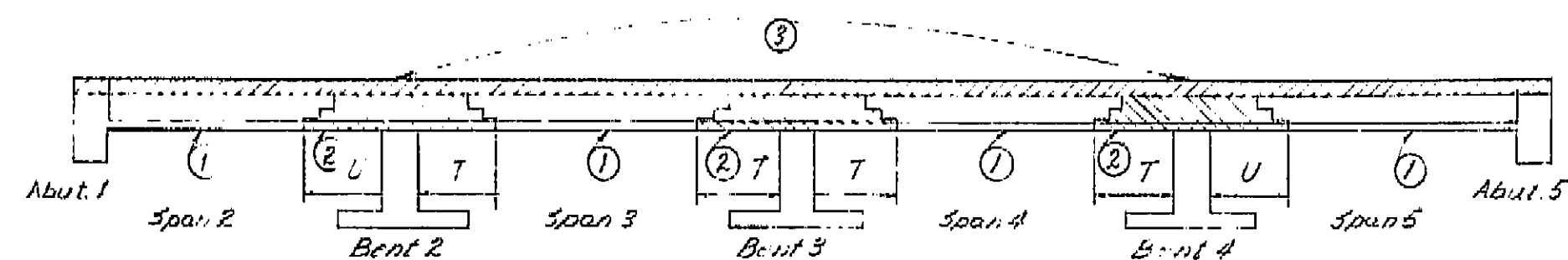
DATE APPROVED: August 28, 1961



## TOP REINFORCEMENT



## BOTTOM REINFORCEMENT



BOX GIRDER SUPER-STRUCTURE PLACING DIAGRAM

Numbers 1 and 2 indicate sequence of placing bottom slab and girder stem concrete. 3 may be placed simultaneously with 1 when approved by the Engineer, and provided that the 1 sections are placed in adjoining spans.

Top concrete 3 shall be placed separately from 1 and 2. 3 may be placed continuously or in parts as approved by the Engineer, however the only joints permitted shall be located within 2'-0" of the girder joints between 1 and 2.

T = 1/2 span length.

U = 1/4 span length.

For any deviation from the above the contractor shall submit a diagram to the Engineer.

Note: All bars are #11 unless otherwise noted.  
Numbers at ends of bars indicate distance in feet from Bent 1 for Top Reinforcement or from E. Span for Bottom Reinforcement.  
No splicing of #11 bars permitted near Bent 1 in Top Reinforcement or near E. Span in Bottom Reinforcement.

## AS BUILT PLANS

Contract No. 62-6T13C3

Date Completed

Document No. 60001062

BRIDGE DEPARTMENT		STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
DESIGN SECTION		CEDAR AVENUE OVERCROSSING	
Project Designer: <i>W. J. Juntz</i>		GIRDER REINFORCEMENT	
Chief Designer: <i>W. J. Juntz</i>		SCALE: None	
DESIGN: <i>W. J. Juntz</i>	DETAILS: <i>W. J. Juntz</i>	BRIDGE 42-209	FILE
QUANTITIES: <i>W. J. Juntz</i>	SPECIFICATIONS: <i>W. J. Juntz</i>	DRAWING C-6736-7	
Approval Recommended by: <i>W. J. Juntz</i>		PREL. DRAWING NO. P- 6736-8	

Disregard prints bearing earlier numbers

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE: 11-12-62 SIGNATURE: *W. J. Juntz* TITLE: *Chief Designer*

SCALE 1" = 50'

MICROFILM - STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS - MICROFILM

SCALE 1" = 50'

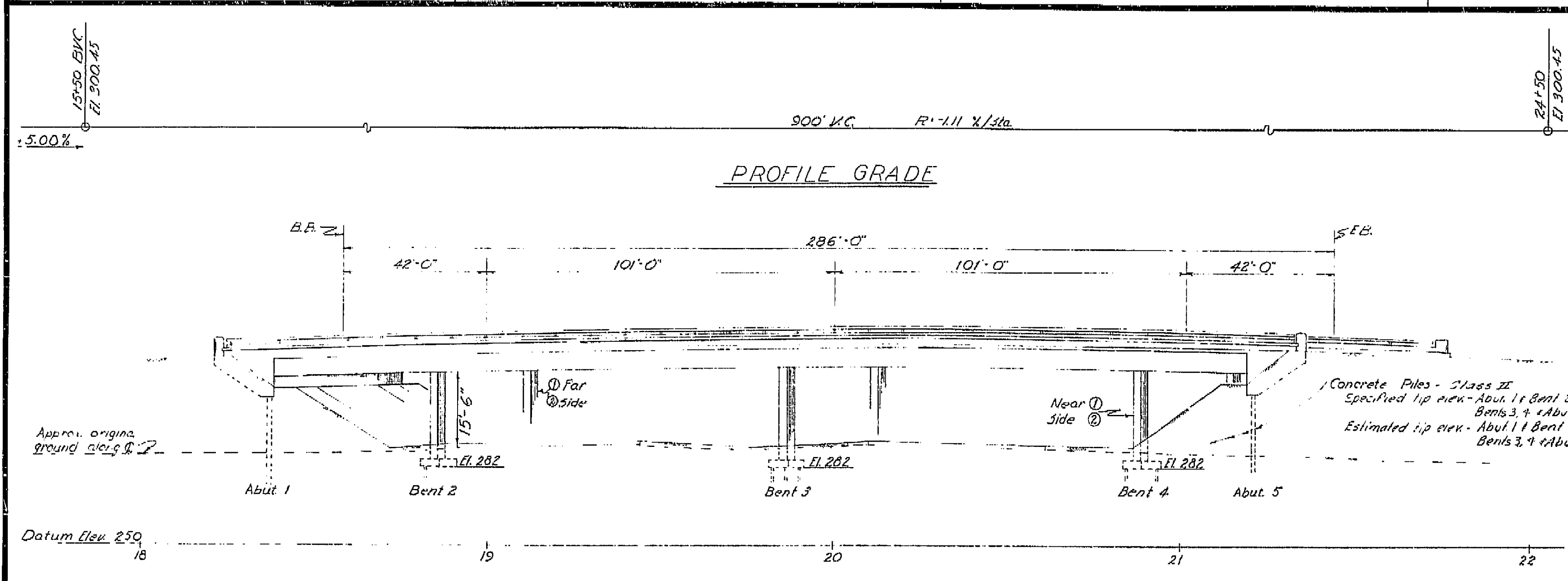
SCALE 1" = 20'

MICROFILM - STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS - MICROFILM

SCALE 1" = 20'

U-006-2(8) F-006-2(5)

FED. ROAD DIST. NO.	STATE	F. A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		195	424

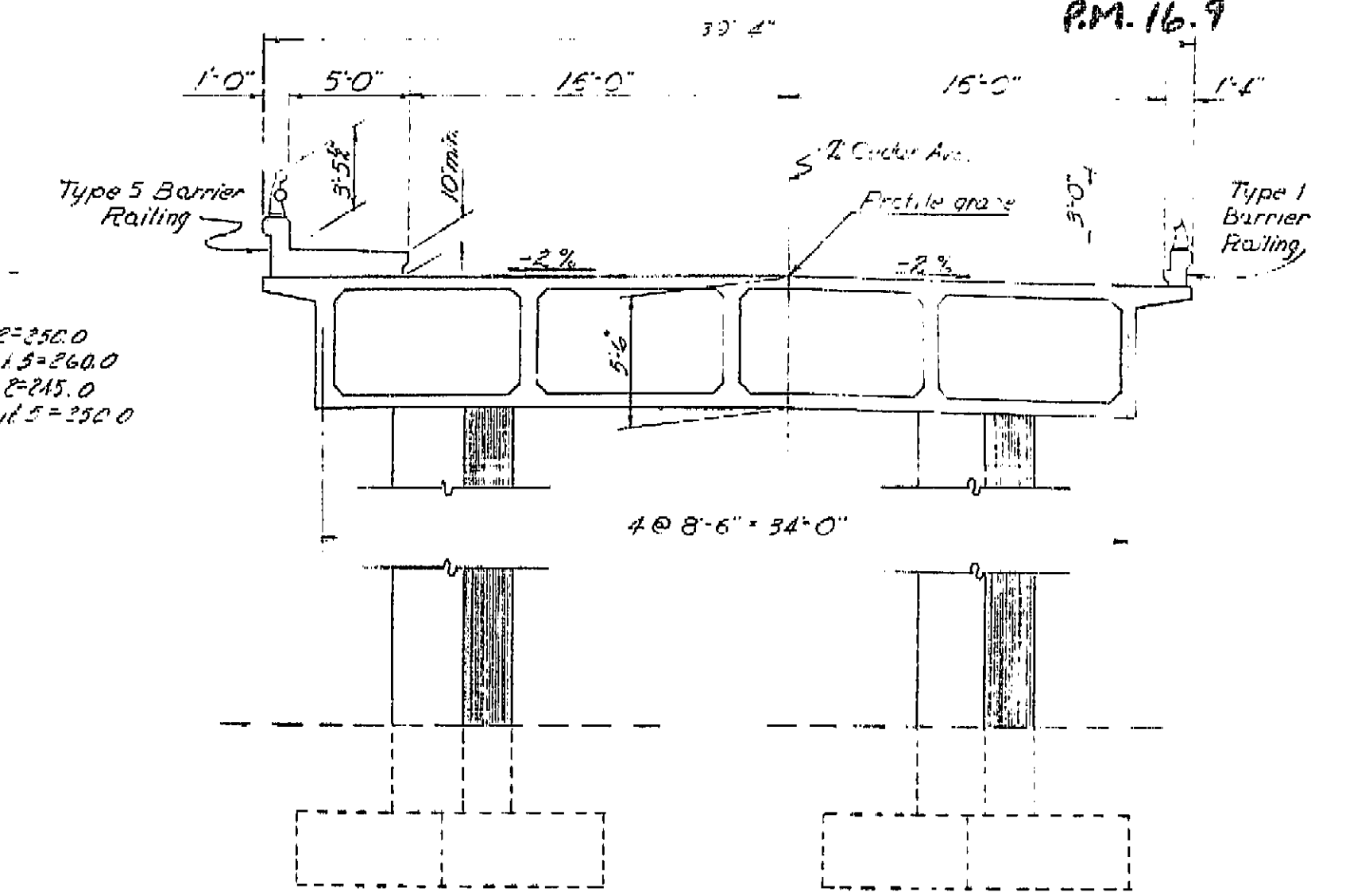


APPROXIMATE QUANTITIES	
*STRUCTURE EXCAVATION (BRIDGE)	350 C.Y.
*STRUCTURE BACKFILL (BRIDGE)	190 C.Y.
FURNISH CONCRETE PILING (CLASS II)	2,465 L.F.
DRIVING CONCRETE PILES	66 L.A.
*CLASS "A" CONCRETE (BRIDGE)	960 C.Y.
*BAR REINFORCING STEEL (BRIDGE)	245,000 LBS.
BARRIER RAILING (TYPE 1)	325 L.F.
BARRIER RAILING (TYPE 5)	325 L.F.

DATE	COUNTY	ROUTE	SECTION	POST MILES	TOTAL MILES
August 20, 1961	Fresno	99			

\*FINAL QUANTITIES

VI Fre 99  
PM. 16.9

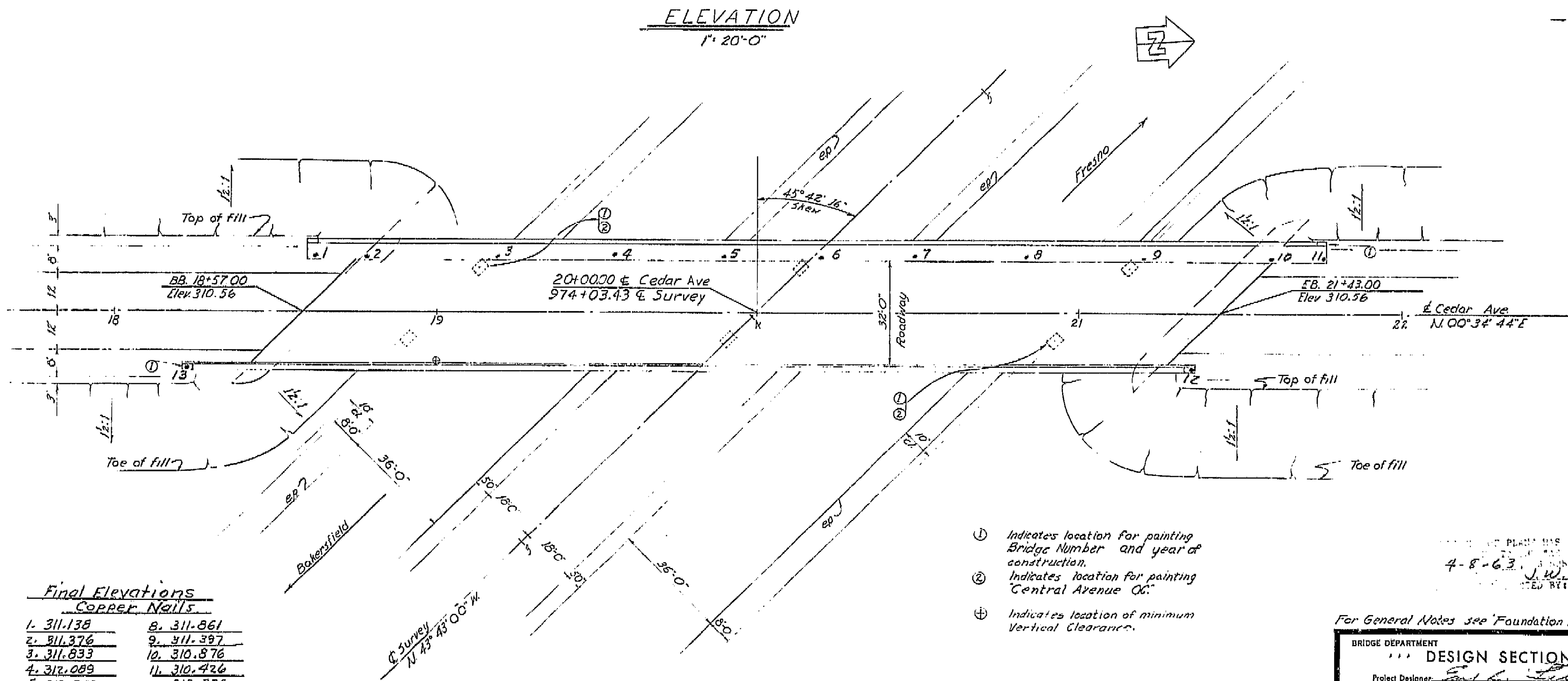


TYPICAL SECTION  
3/8" = 1'-0"

INDEX TO PLANS

SHEET NO.	TITLE
1	GENERAL PLAN
2	10' SPACING OF DECK LEVATION
3	FOUNDATION PLAN
4	ABUTMENT DETAILS
5	BENT DETAILS
6	TYPICAL SECTION & GIRDER LAYOUT
7	GIRDER REINFORCEMENT
8	STANDARD DETAILS NO. 1
9	BARRIER RAILING SHEET 1
10	BARRIER RAILING SHEET 2
11	CONCRETE PILING DETAILS
12	LOG OF TEST BORINGS
13	LOG OF TEST BORINGS

Note: Route Change (VI-Fre-99)  
Contract # 62-6T13C3-F



Final Elevations Copper Nails	
1. 311.138	8. 311.861
2. 311.276	9. 311.397
3. 311.833	10. 310.876
4. 312.089	11. 310.426
5. 312.243	12. 313.374
6. 312.204	13. 312.638
7. 312.086	

AS BUILT PLANS  
Contract No. 62-6T13C3  
Date Completed  
Document No. 60001062

PLAN  
1" = 20'-0"

- ① Indicates location for painting Bridge Number and year of construction.
- ② Indicates location for painting Central Avenue Co.
- ③ Indicates location of minimum Vertical Clearance.

DESIGN SECTION	
Project Designer	Chief Designer
Checked	Checked
Details	Checked
Quantities	Checked
Specifications	Checked

STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS  
CEDAR AVENUE OVERCROSSING  
Located About 1.9 Miles South Of The  
South City Limit Of Fresno  
GENERAL PLAN  
SCALE As Shown  
BRIDGE 42-209  
FILE  
DRAWING C-6136-1-1

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE 11-12-62 SIGNATURE TITLE